ENGIE Brasil Energia
Institutional Presentation

4Q21 and 2021
February 2022

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3. Energy Market in Brazil

4. Sales and Energy Trading Strategy

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1

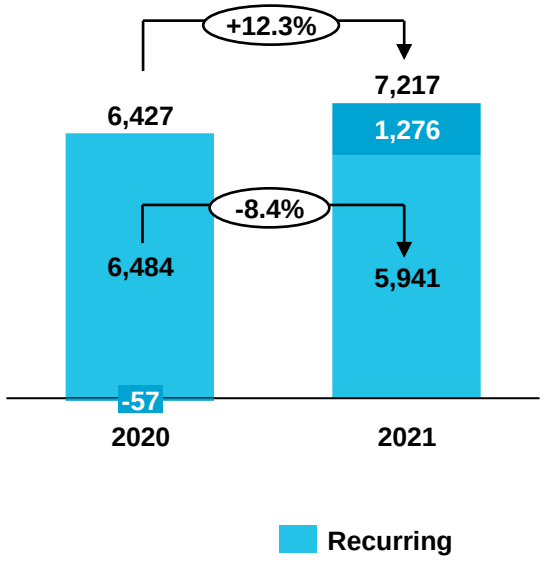
Highlights

Highlights

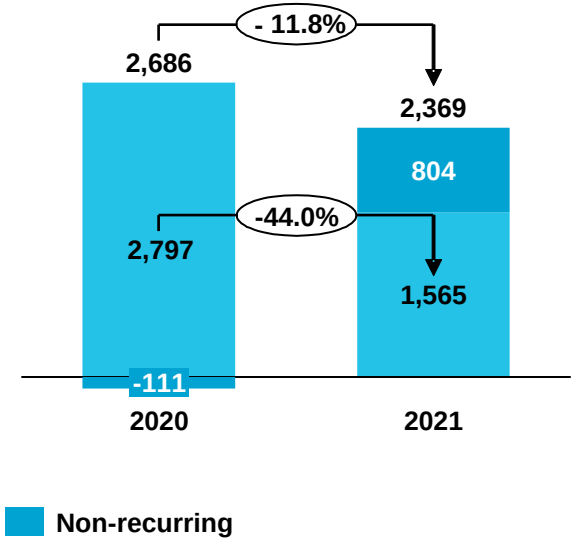
Result drivers vs. 2020

R$ 1,591 million	Hydrological risk renegotiation (+R$ 623 million)
Non-recurring	
- R$ 1,076 million	Impairment of Pampa Sul TPP and EGSD (+R$ 977 million)
- R$ 200 million	Result of the sale of CTJL
R$ 602 million	TAG's contribution to the Company's Ebitda (+R$ 115 million)
Short term transactions	
- R$ 35 million	Portfolio management mitigated the impact of the water crisis, which caused a greater generation deficit and consequent increase in PLD (-R$ 276 million)
Net financial result	
- R$ 3,079 million	Decrease of 63.6% (R$ 1,197 million): - R$ 864 million: monetary restatement - R$ 335 million: interest

Adjusted Ebitda[1]
(R$ million)



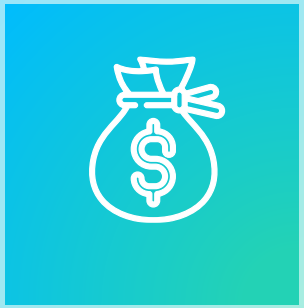
Adjusted Net income
(R$ million)



Recurring Non-recurring

Note:
[1] Adjusted Ebitda: net income + income tax and social contribution + financial result + depreciation and amortization + impairment + non-recurring.

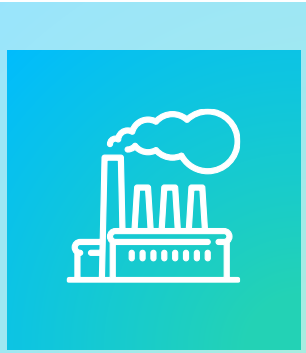
Highlights



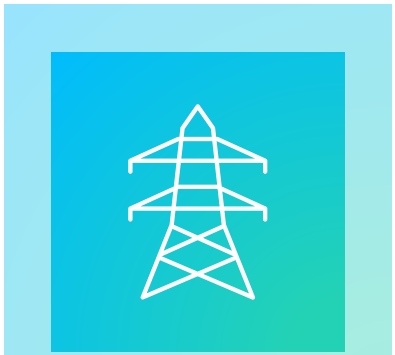
2021 Earnings Distribution:

- Complementary dividends: **R$ 549.8 million** (R$ 0.6738/share).
- Interest on Shareholder's Equity: **R$ 60 million** (R$ 0.0735/share), approved in December 2021.
- Interim Dividends 1H21: **R$ 789.5 million** (R$ 0.9676/share), paid in November 2021.
- Intermediate dividends: **R$ 638.7 million** (R$ 0.7828/share), based on the profit reserve retained in 2020.

- **Total earnings: R$ 2,038 million (R$ 2.4978/share), equivalent to 100% of the adjusted net income of 2021 and profit reserve retained in 2020, thus maintaining the dividend yield level.**



Renewable installed capacity of the Company's own generator park to reach 95.8% of the total with the sale of Jorge Lacerda Thermoelectric Complex.



Novo Estado Transmission System **begin commercial operations of** Serra Pelada Subestation, its reactors and the Serra Pelada – Itacaiúnas line, **representing the first stage in the project's operations.**

Highlights

The Board of Directors approved the **acquisition of Paracatu and Floresta Photovoltaic Complexes**, adding 259.8 MWp of installed capacity, for the total amount of R$ 625 million, according to the purchase recommendation report, submitted by the Special Independent Committee for Transactions with Related Parties.

The Company's **Integrated Management System (SIG)** was certified by Bureau Veritas, encompassing the energy generation services at all the hydropower plants and incorporating **NBR ISO 9001, NBR ISO 14001 and ISO 45001.**

The Company is one of three Brazilian companies to be included in the **Corporate Knights magazine's Global 100 Most Sustainable Companies**, out of around 6.9 thousand publicly listed companies worldwide.

ENGIE Brasil Energia received **ISO 37001 – Anti-bribery Management System certification,** from Euro Compliance.

ESG Highlights

ENGIE Purpose

To take action to accelerate the transition towards a **carbon neutral society**, through **reduced consumption** of energy, and solutions which are **more environmentally friendly.**

PLANET

- Presence in 5 of the 6 Brazilian biomes
- + 1,600 km² of reservoir area
- + 6,800 kms inspected and preserved
- 18 supported Conservation Units
- 95.8% in renewable capacity

  (forecast: **100% in 2023**)
- + 6 million seedlings planted/donated
- + 2,000 headwater springs restored
- 11 projects registered with the MDL
  - RCEs in 2021: 644 th. tCO2
  - CERs in 2021: 8 th. GWh

PERFORMANCE

3 principal focuses:

- Access to culture and sport
- Protection of infancy and youth
- Creation of income and social inclusion

➢ Coverage: in +100 municipalities
➢ 6 culture and sustainability centers
➢ + R$ 270 million invested since 2008
➢ + 3 million people impacted

Highlights 2021

- Women of Our Neighborhood
- Partners for Wellbeing
- Donations for tackling COVID-19:
  + 4 thousand rapid tests
  + 10 thousand liters of sanitizer
  + 20 thousand basic baskets of goods
  + 150 thousand masks and 270 th. pairs of gloves

PEOPLE

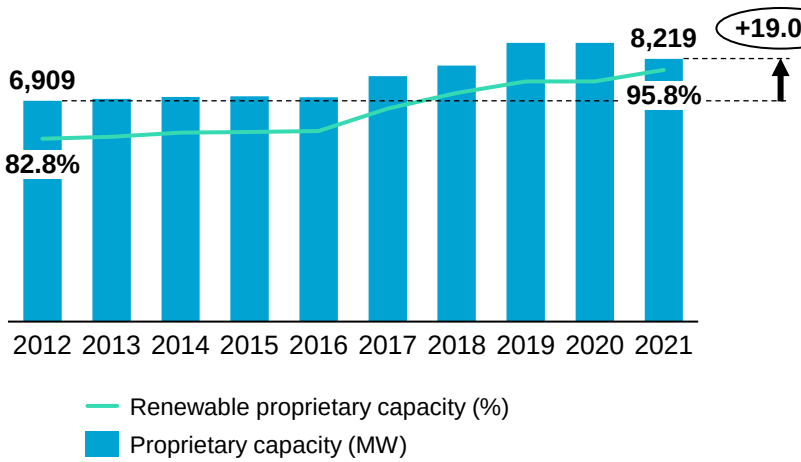
Execution of the Strategy
Sustainability Plan 2030



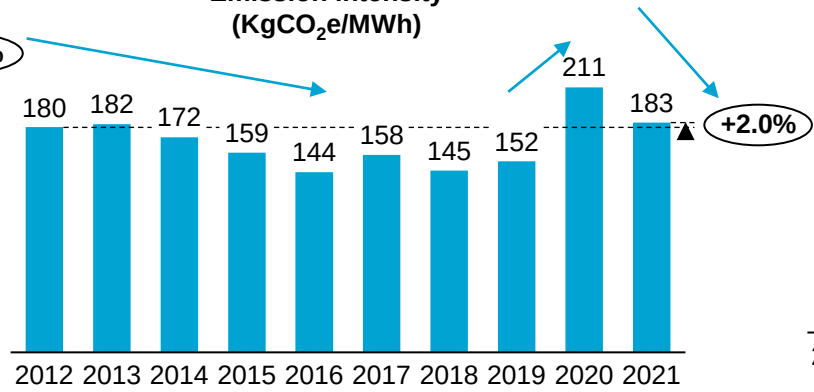
ESG Highlights

The Company starts to highlight its sustainability indicators, demonstrating its commitment to ESG

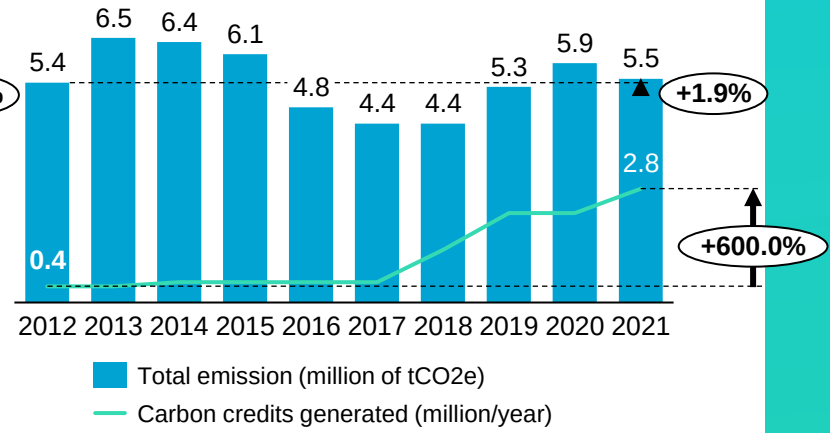
Installed capacity and % of renewables



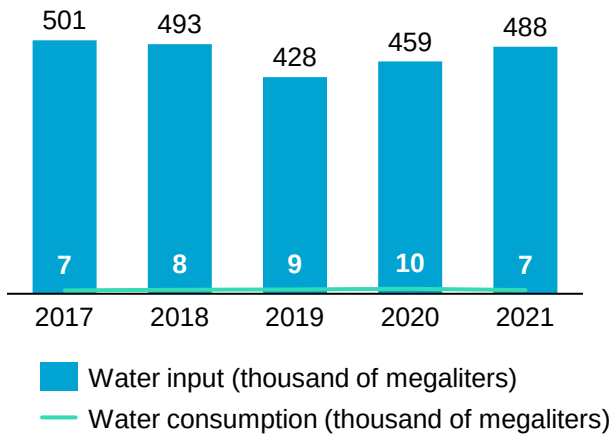
Emission intensity ($KgCO_2e/MWh$)



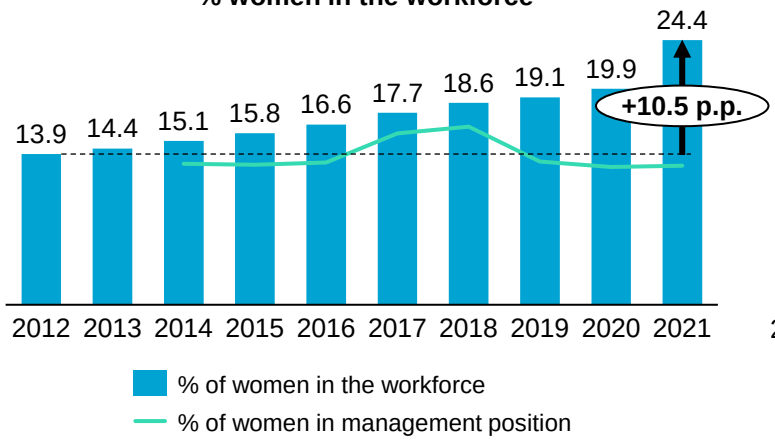
Total emissions and carbon credits generated



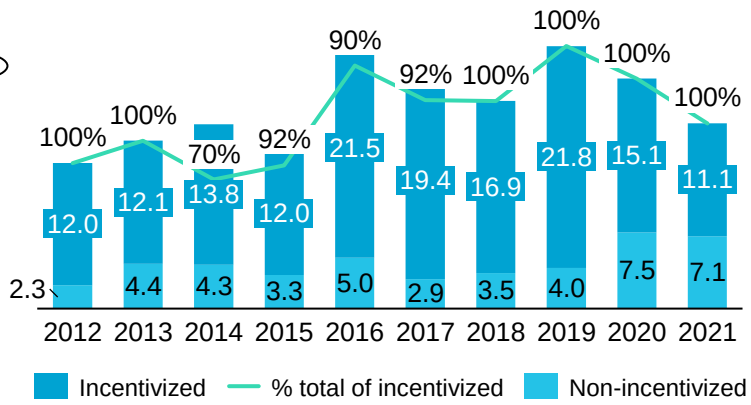
Water input and consumption



% women in the workforce



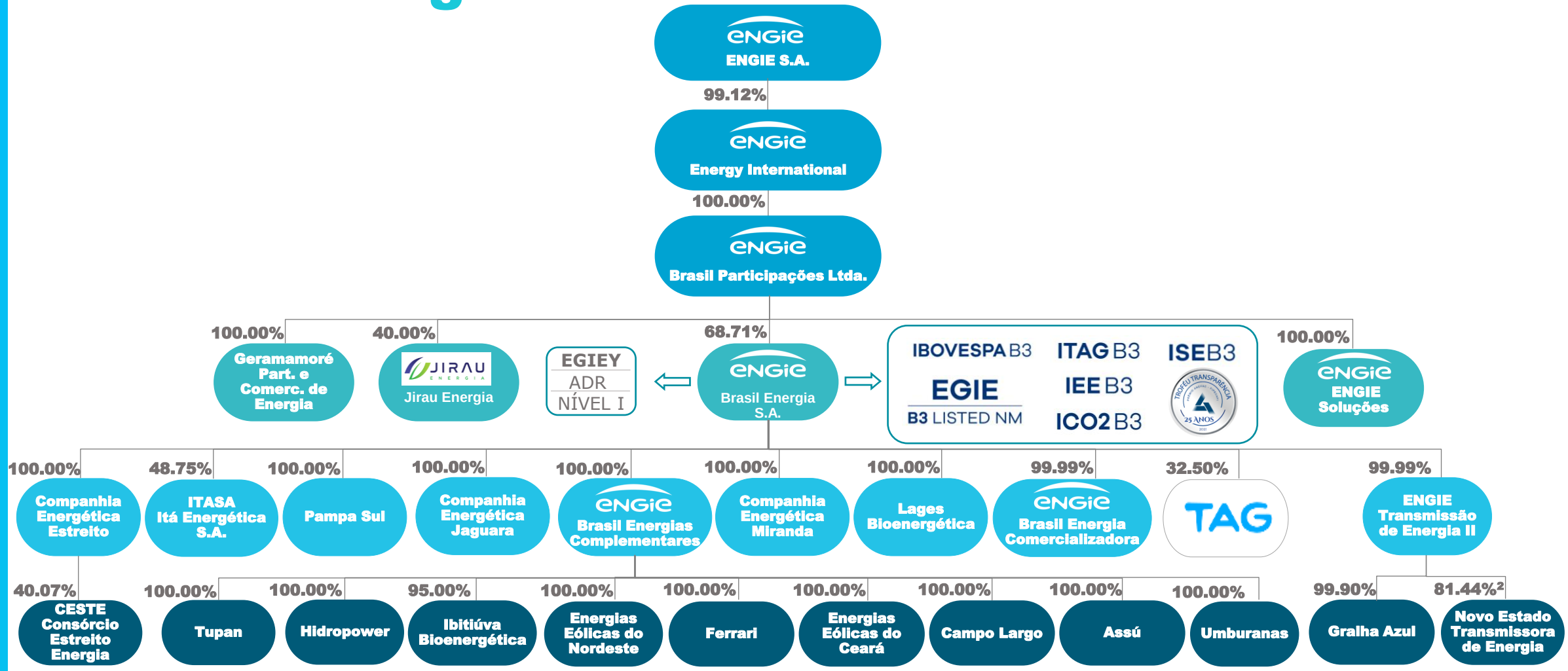
Social Responsibility Investments (R$ million) and % of the incentivized resource limit



2

Shareholding Structure and Business Segments

Shareholding Structure[1]



Notes:
[1] Simplified chart for illustrative purpose only.
[2] Considering the indirect stake of ENGIE Brasil Energia, through Novo Estado Participações S.A.

Balanced Portfolio of Business in Energy Infrastructure

GENERATION

68 power plants operated with own installed capacity of **8,218.7** MW (as from 12/31/2021)

TRANSMISSION

~2,800 Km of transmission lines under implementation

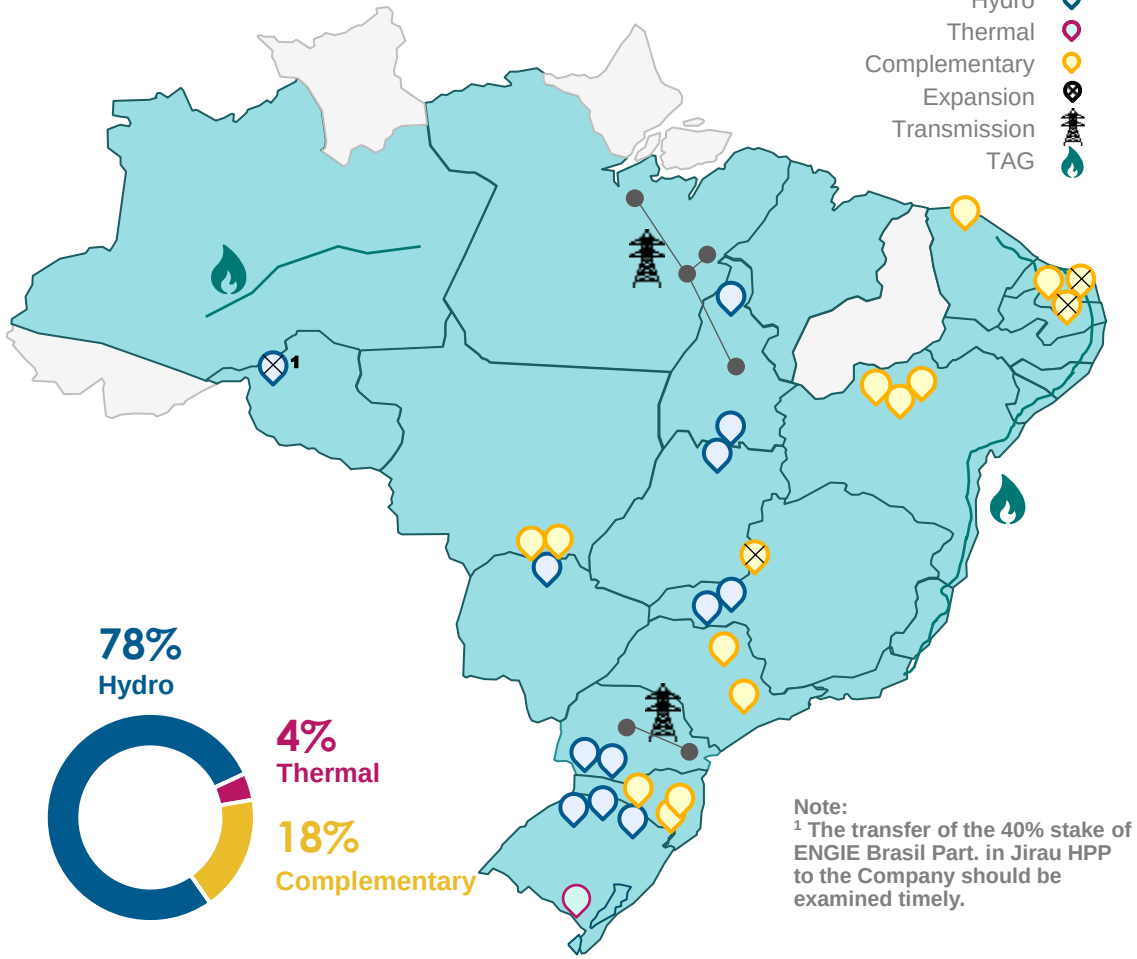
TRADING

5,782 GWh in 3Q21, **13.9%** of the total

NATURAL GAS (TAG)

4,500 Km de pipelines in the Southeast, Northeast and North regions.

- Stake of 32.5%

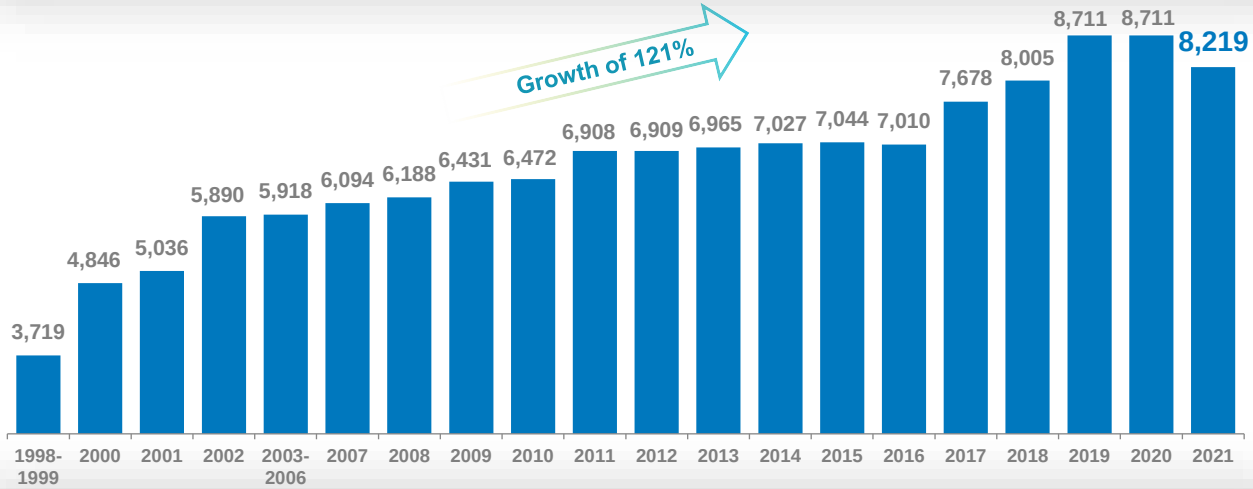


Energy Generation

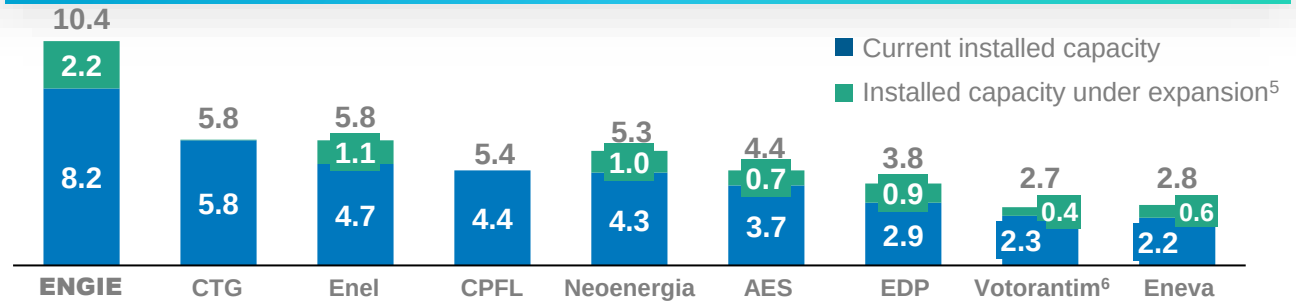
Relevance among power producers

The Company is part of the largest independent power producer group in the country and is positioned to capture business opportunities.

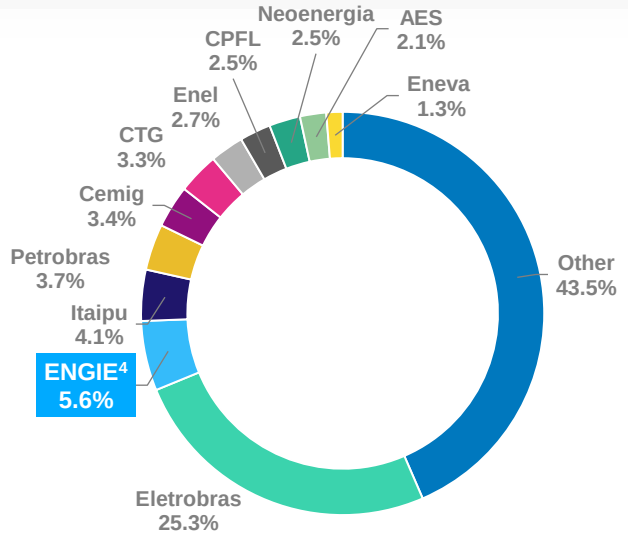
Energy Generation | Proprietary Operating Installed Capacity (MW)



Private Sector – Own Installed Capacity[1] (GW)



Brasil – Existing Installed Capacity[2,3]



Source: Aneel, Companies' websites and in-house studies.
Notes:
1 Apparent sum-related errors are a result from rounding.
2 Amount corresponding to National Interlinked System (SIN), considering the Operation Monthly Program (PMO) as of November 2021.
3 Includes only the Brazilian part of Itaipu.
4 Considering the consolidated installed capacity of the group in Brazil, including HPP Jirau.
5 Based on information from Aneel, ONS and internal study.
6 Critéria change: CESP was removed from Votorantim's base.

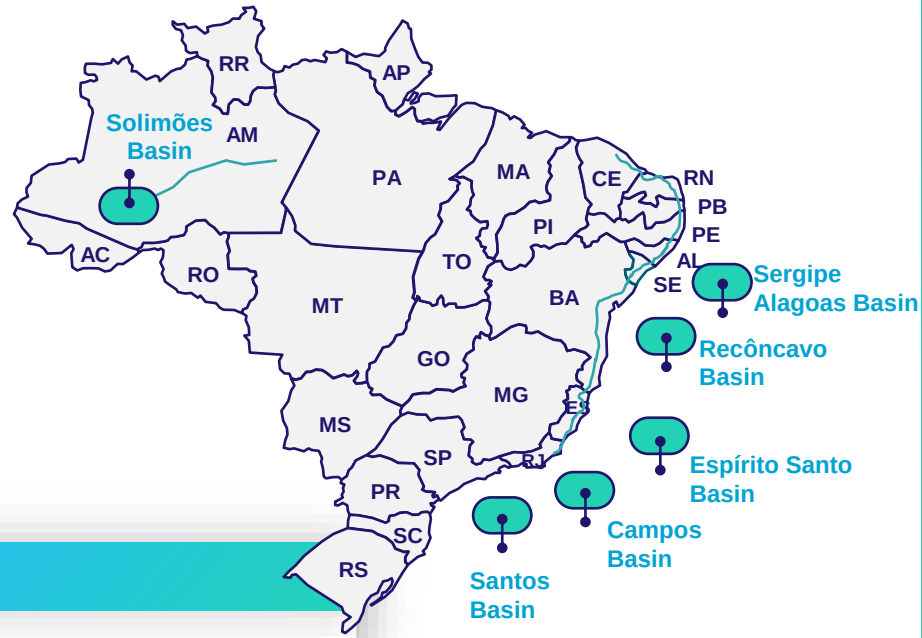
Natural Gas

Transportadora Associada de Gás (TAG)

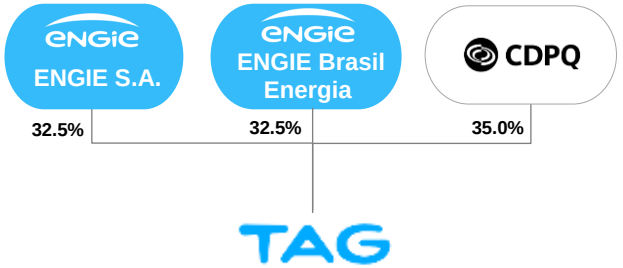
Stake in TAG strengthens the position as a relevant player in the Brazilian energy infrastructure

Characteristics

- ~4,500 km of high-pressure gas pipelines:
  3,700 km on the coast
  800 km in the Amazon region
- Contracted firm capacity for transporting more than 70 million m3/day, without construction and volume risk (ship or pay contracts).
- 11 compression stations.
- Network with various interconnection points:
  - 10 gas distributors
  - 91 delivery points
  - refineries, fertilizer and power production plants supplied
  - 12 active gas entry points (including 3 LNG terminals)



Shareholding Structure



Transmission

Expanding its share in the electric power industry

Where we are now:

- Gralha Azul Transmission Project:

By 12/31/2021, 6 transmission lines had been energized.

Total contracted RAP of R$ 274.61 million, 6.5% of which effectively contributing to revenue by December/21 with a forecast to reach 95% in 1Q22.

- Novo Estado Transmission Project:

Implementation of one line and a substation by 12/31/2021.

Total contracted RAP of R$ 3701 million, 9.2% of which effectively contributing to revenue by December/21 with a forecast to reach 50% by April/22.

Reasons for pursuing continued investment in the transmission segment:

- Participation in the Energy Transition process

Expansion of the transmission system is fundamental for finding a solution to local restrictions for connecting future generation projects. Especially wind and photovoltaic plants undergoing burgeoning development in Brazil.

- Forecasted expansion in the Transmission System

Forecast is for about 3,000 km of new transmission lines by 2025 and 22,275 MVA growth in substation transformation capacity. Investments of the order of R$ 12.8 billion[2] is forecast.

- Protected investment environment

Fixed revenues and indexed to inflation without risk of variation in transported energy volume.

Notes:
[1] Value as of August 2021.
[2] Medium term Electric energy operations Plan PAR / PEL 2021 – 2025.

3

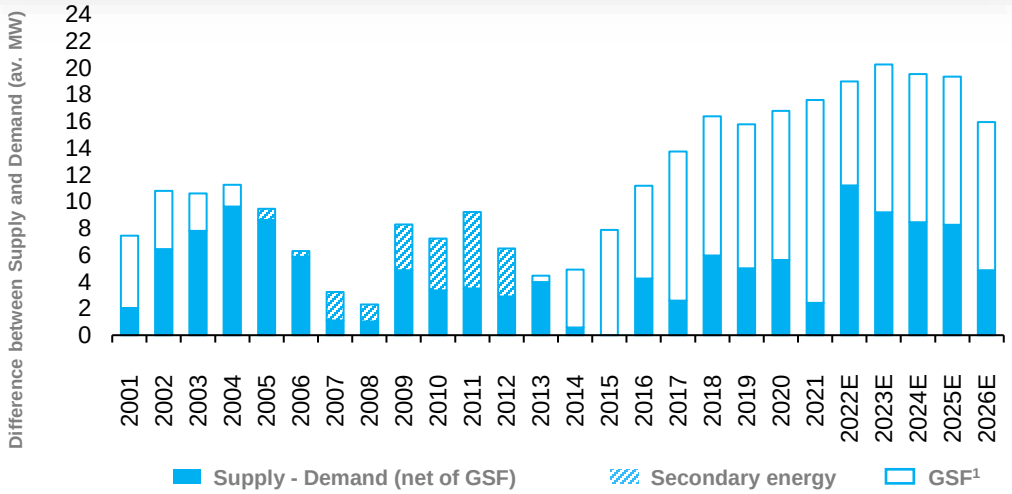
Energy Market in Brazil

Energy Market

- **Supply:** in the past, supplied by hydroelectric plants with reservoirs. Currently, a greater presence of thermoelectric and hydroelectric run-of-river plants. Continuous expansion of supply from intermittent sources and water shortages recurrence.
- **Demand:** In the fourth quarter there was a reduction in consumption when compared to the same period in 2020, caused by lower temperatures.

- **Due to the improved volume of rainfall in the fourth quarter of 2021, together with the high thermal dispatch for energy security, there was a significant reduction in the price. Highlight for the months of November and December, when PLD was less than R$ 100/MWh.**

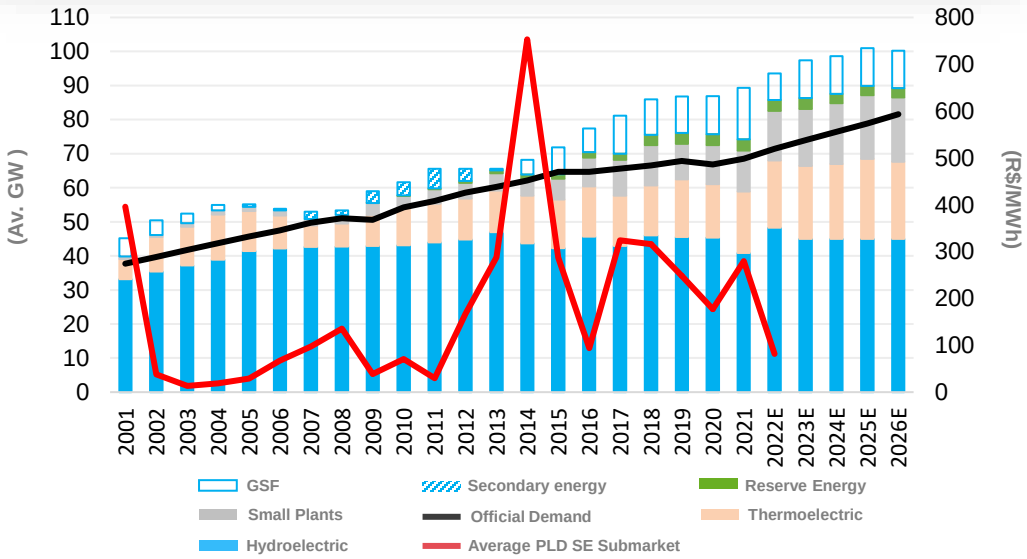
Theoretical Supply x Demand



[1]: For the year 2022, the GSF expectation was considered, according to CCEE. For the years 2023+, the average GSF for the period 2016-2021 was used.

Source: ENGIE Brasil Energia internal study based on official sector documents.

Distribution of Supply by Source



Source: Internal study based on Aneel and ONS data.

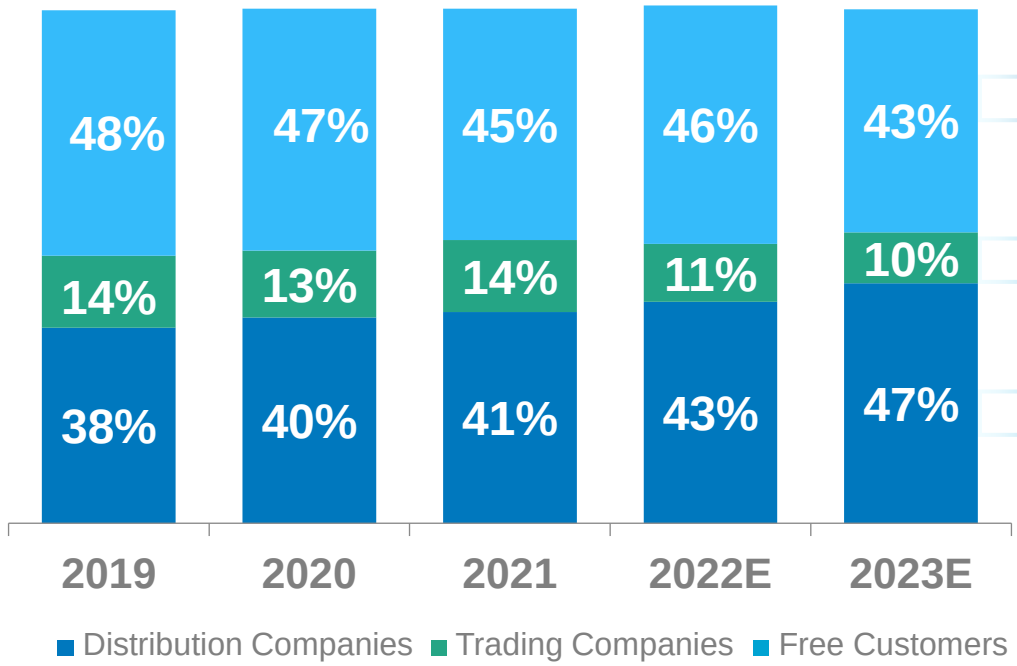
4

Sales and Energy Trading Strategy

Diversified Portfolio

Among Distribution, free customers and trading companies

Client Breakdown (based on contracted energy)



First to consistently serve the free market…

- Flexibility (prices, terms and conditions) → Maximizes portfolio's efficiency
- Opportunistic contracts (purchase/sale) → Product assembly
- Largest consumer market
- Regulated and unregulated contracts (signed until 2004) → Long-term cash flow predictability

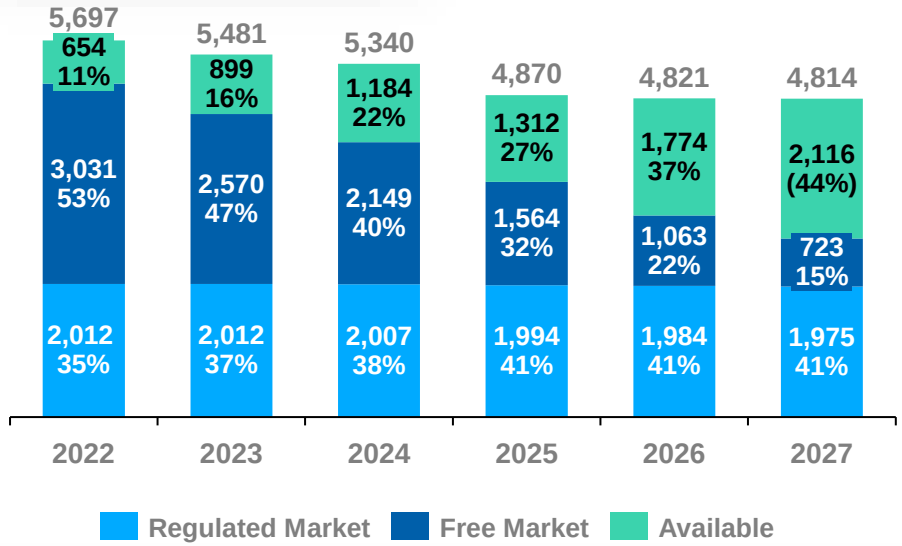
……to minimize risks and to maximize portfolio's efficiency.

Energy Commercial Strategy

Portfolio diversification and gradual sale of future energy availability, with reserve preservation to protect against hydrological risk.

Energy Balance (% of total; average MW)

as of December 31, 2021

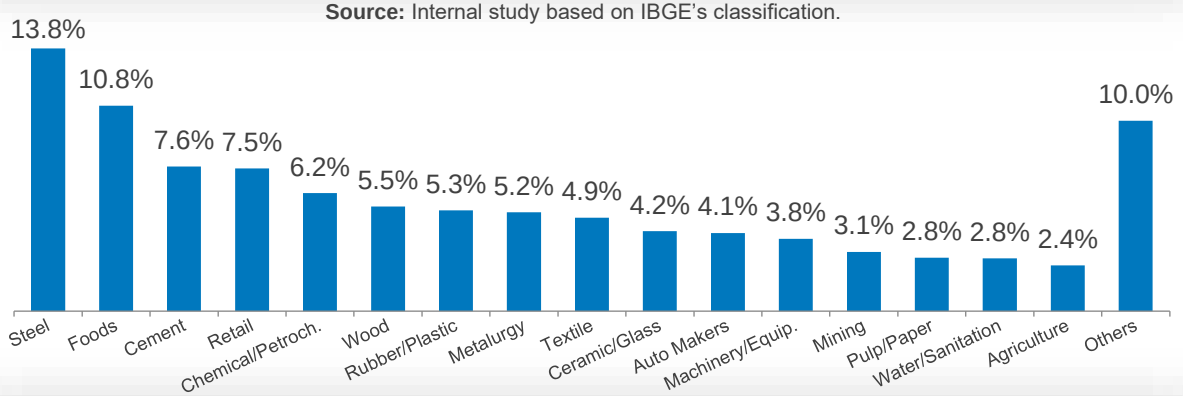


2022 Contracted Energy Breakdown by Market

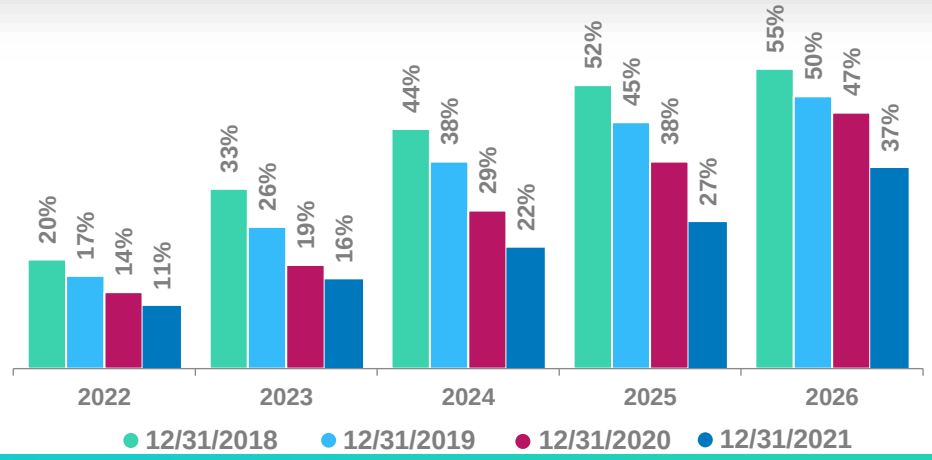


Free customers total sales volume for 2022: 2,329 aMW

Source: Internal study based on IBGE's classification.

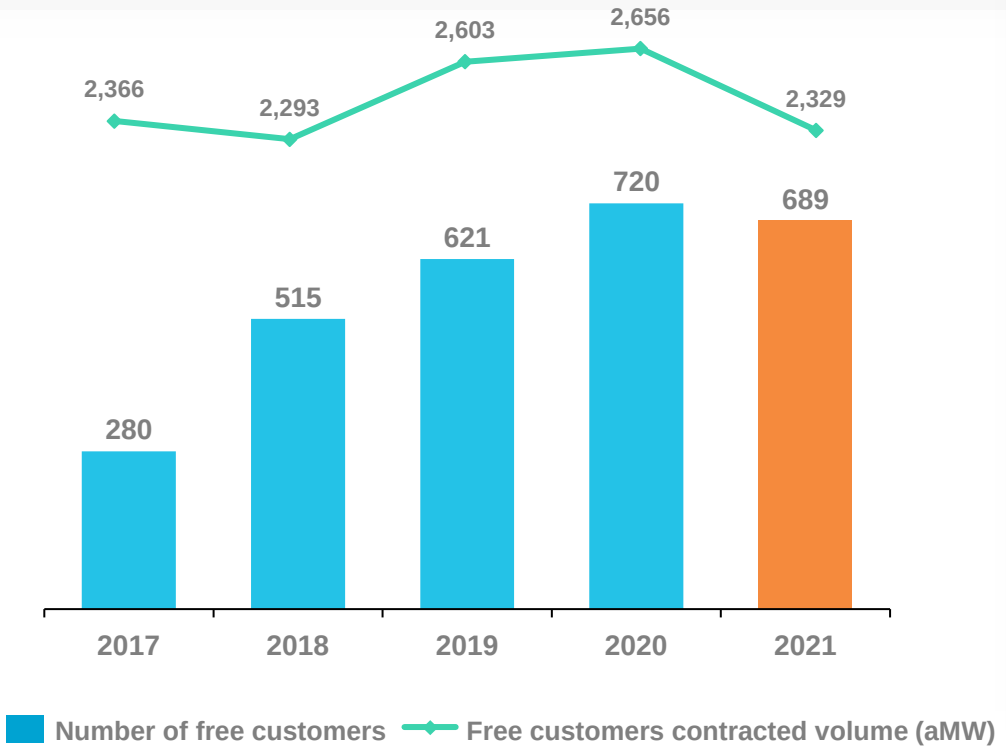


Uncontracted energy compared to the availability of a given year



Energy Commercial Strategy

Evolution of Free Customers[1]



1,758 (+7.3% compared to 4Q20)
Commercial & Industrial sites served in 4Q21

10.5% (-2.5 p.p compared to 2020)
Market share ACL in 2021 (of total energy in Free Market)

37.6%
Participation of Free Clients out of total net operating revenue in 2021

644 thousand tCO2
CERs sold in 2021 (Certified Emission Reduction)

40.7%
Participation of Free Clients out of total physical sales in 2021

8 thousand GWh
RECs sold in 2021 (Renewable Energy Certificates)

Note:
[1] Net of trading operations.

5

Expansion

Wind Project Under Implementation:

Santo Agostinho Wind Complex (Phase I)

Overall physical progress reached 7.7%
Wind project made feasible in the Free Contracting Environment (ACL).

- Earthworks activities reached 79% of the total;
- Platform excavations has been executed in 49 of the 70 wind turbines;
- Concreting of the first 2 wind turbine bases;
- The Preliminary Simplified Licence was authorized while the Company has filed for the Simplified Installation License for the begining of the construction of the Transmission Line and connection bay.



Concreting the tower foundation of the wind turbine



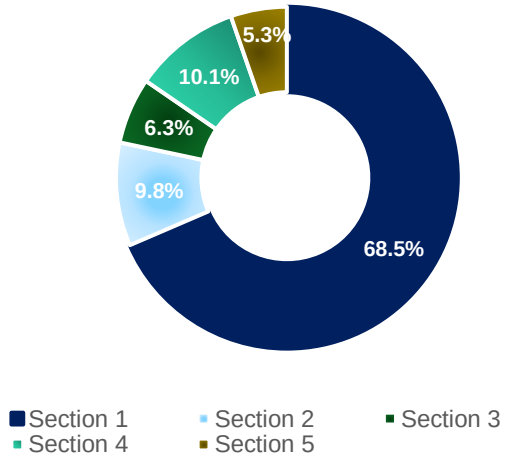
Transmission Project Under Construction:

Gralha Azul Transmission System

Overall work have reached 99%, by the end of 4Q21

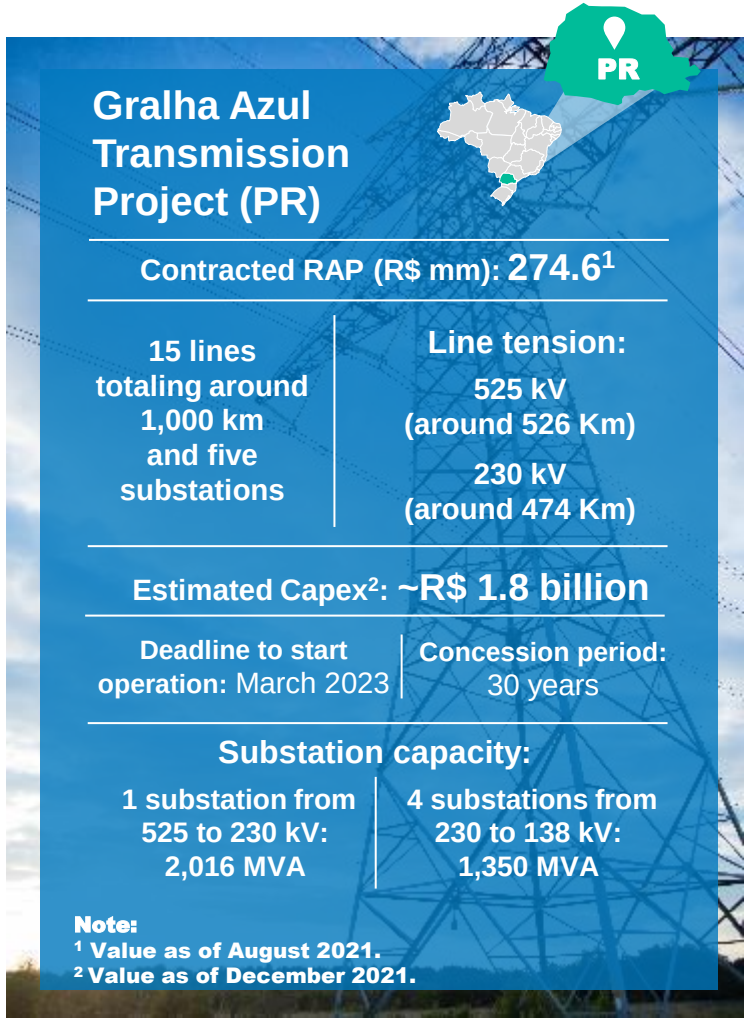
- 6 transmission lines have already been energized: 6.5 of the Allowed Annual Revenue (RAP) effective in Dec/21.
- The commercial operations of the joint transmission installations, to generate approximately 95% of the project's RAP, is expected for the first quarter of 2022.

RAP by section (%)





Ponta Grossa Substation



Gralha Azul Transmission Project (PR)

Contracted RAP (R$ mm): 274.6[1]

15 lines totaling around 1,000 km and five substations

Line tension:
525 kV (around 526 Km)
230 kV (around 474 Km)

Estimated Capex[2]: ~R$ 1.8 billion

Deadline to start operation: March 2023

Concession period: 30 years

Substation capacity:

1 substation from 525 to 230 kV: 2,016 MVA

4 substations from 230 to 138 kV: 1,350 MVA

Note:
[1] Value as of August 2021.
[2] Value as of December 2021.

Transmission Project Under Construction:

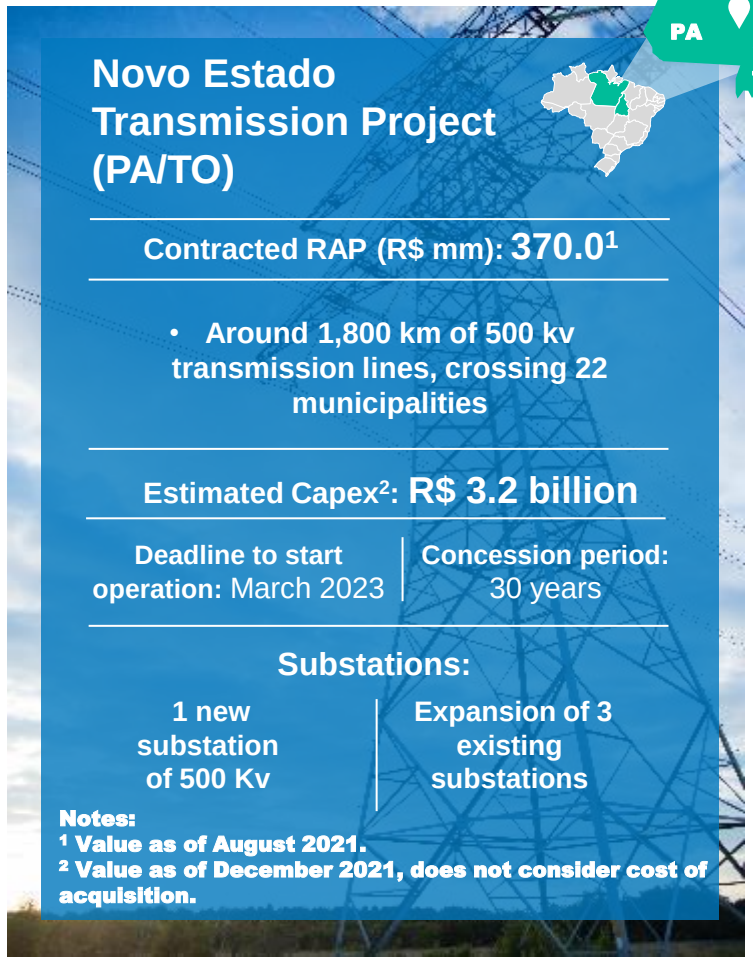
Novo Estado Transmissora de Energia

At the end of 4Q21, the total work progress was 91.5%.

- The commissioning of Serra Pelada and Itacaiúnas substations and the Serra Pelada Itacaiúnas transmission line were concluded in December, generating 9.2% of the project's RAP.
- Serra Pelada – Miracema transmission line is expected to go into operation in 1Q22, reaching about 50% of the RAP until April/22. Complete operational startup is expected by the end of 2022.



Tower assembly – crossing of Araguaia River



Expansion

Paracatu and Floresta Photovoltaic Complexes

Special Independent Committee for Transactions with Related Parties (CRP) recommended the acquisition of the assets in the amount of R$ 625 million, after the end of a valuation process, which included:

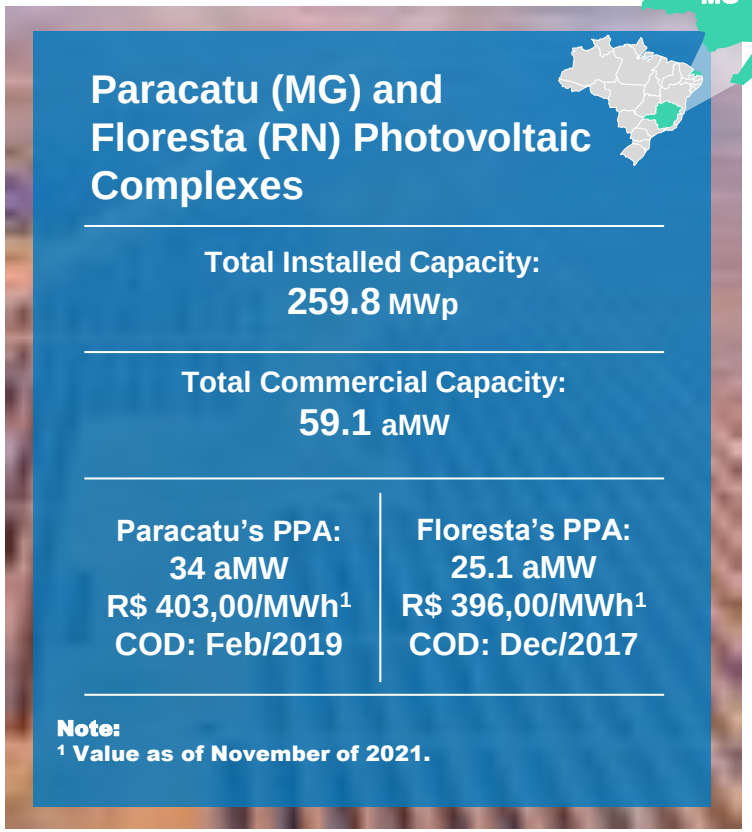
- *Due diligences* – technical, operational, legal, accounting, financial, tax and labor
- Economic-financial analysis of Paracatu e Floresta Photovoltaic Complexes;
- Submission of a non-binding proposal in December 2021;
- Negotiation of terms and conditions of *Share Purchase Agreement (SPA);*
- Submission of the recommendation report to the Board of Directors; and
- In line with the decarbonization strategy and focus on renewables.



Paracatu Photovoltaic Complex



Floresta Photovoltaic Complex



Paracatu (MG) and Floresta (RN) Photovoltaic Complexes

Total Installed Capacity:
259.8 MWp

Total Commercial Capacity:
59.1 aMW

Paracatu's PPA:	Floresta's PPA:
34 aMW	25.1 aMW
R$ 403,00/MWh[1]	R$ 396,00/MWh[1]
COD: Feb/2019	COD: Dec/2017

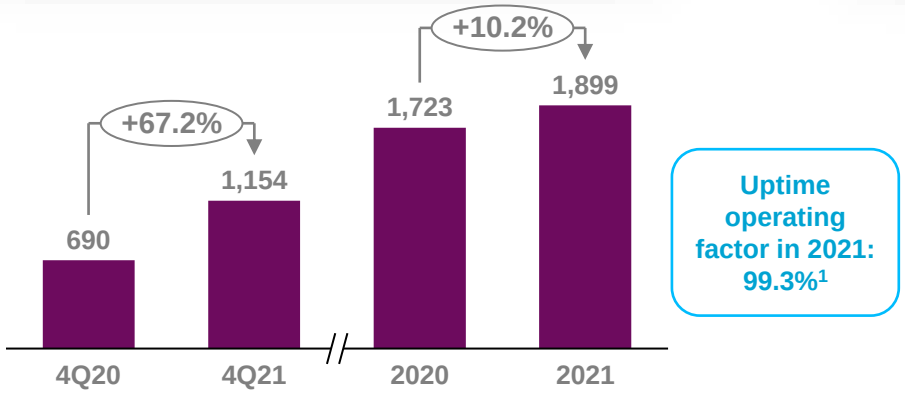
Note:
[1] Value as of November of 2021.

Expansion

Jirau HPP | Update

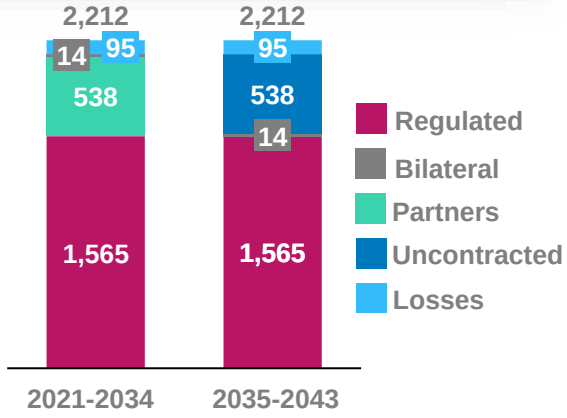


Production (MW average)[1]

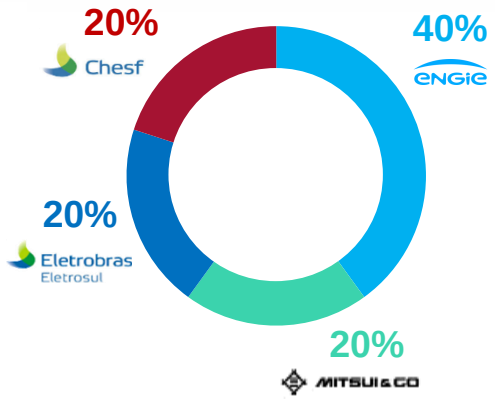


Uptime operating factor in 2021: 99.3%[1]

PPA's portfolio (MW average)



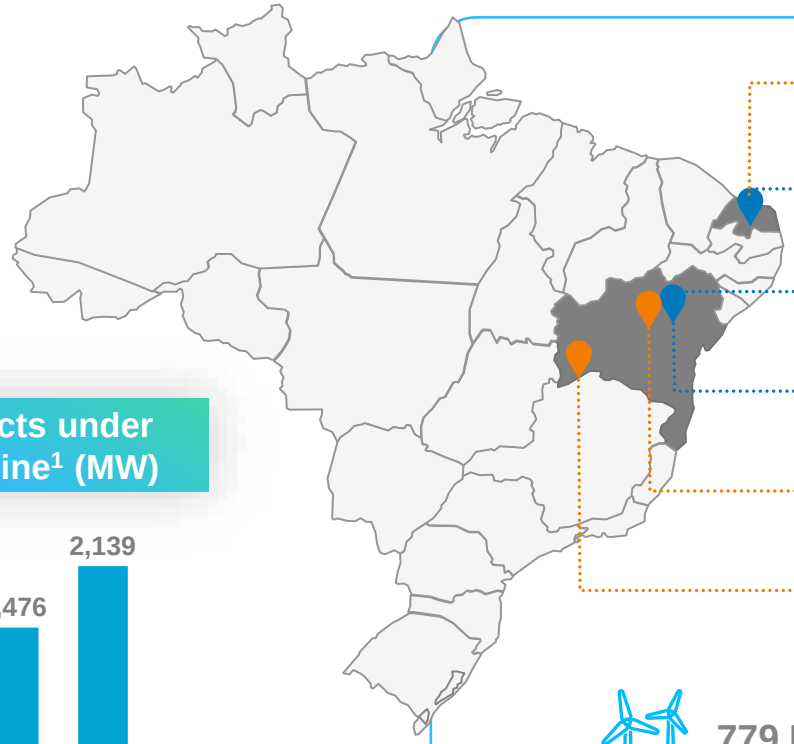
Shareholding Structure



Note:
[1] Subject to final CCEE booking.

Projects Under Development

ENGIE Brasil Energia has also a portfolio of assets under development. Below are some of them:



Assú Photovoltaic Complex – RN
Installed Capacity: 870 MW

Sto. Agostinho Wind Complex (Phase II) – RN
Installed Capacity: 279 MW

Umburanas Wind Complex (Phase II) – BA
Installed Capacity: 250 MW

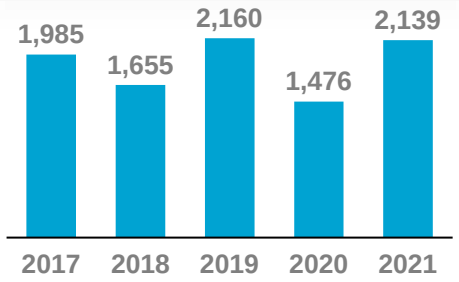
Campo Largo Wind Complex (Phase III) – BA
Installed Capacity: 250 MW

Campo Largo Photovoltaic Complex – BA
Installed Capacity: 400 MW

Alvorada Photovoltaic Complex - BA
Installed Capacity: 90 MW

779 MW + 1,360 MW = 2,139 MW

Evolution of projects under development pipeline[1] (MW)



Note:
[1] Based on December, 31 of every year.

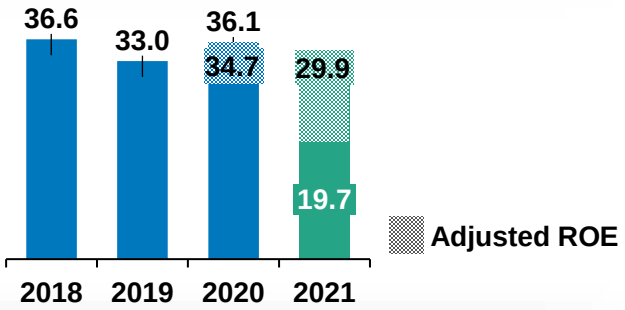
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Financial Performance

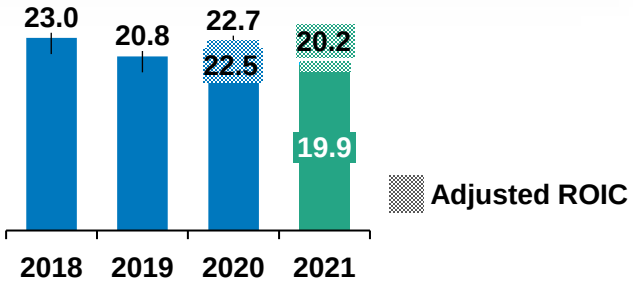
Solid Financial Performance

Creation of shareholder value: financial discipline and efficient capital allocation.

ROE[1] - Return on Equity (%)



ROIC[2] - Return Over Invested Capital (%)

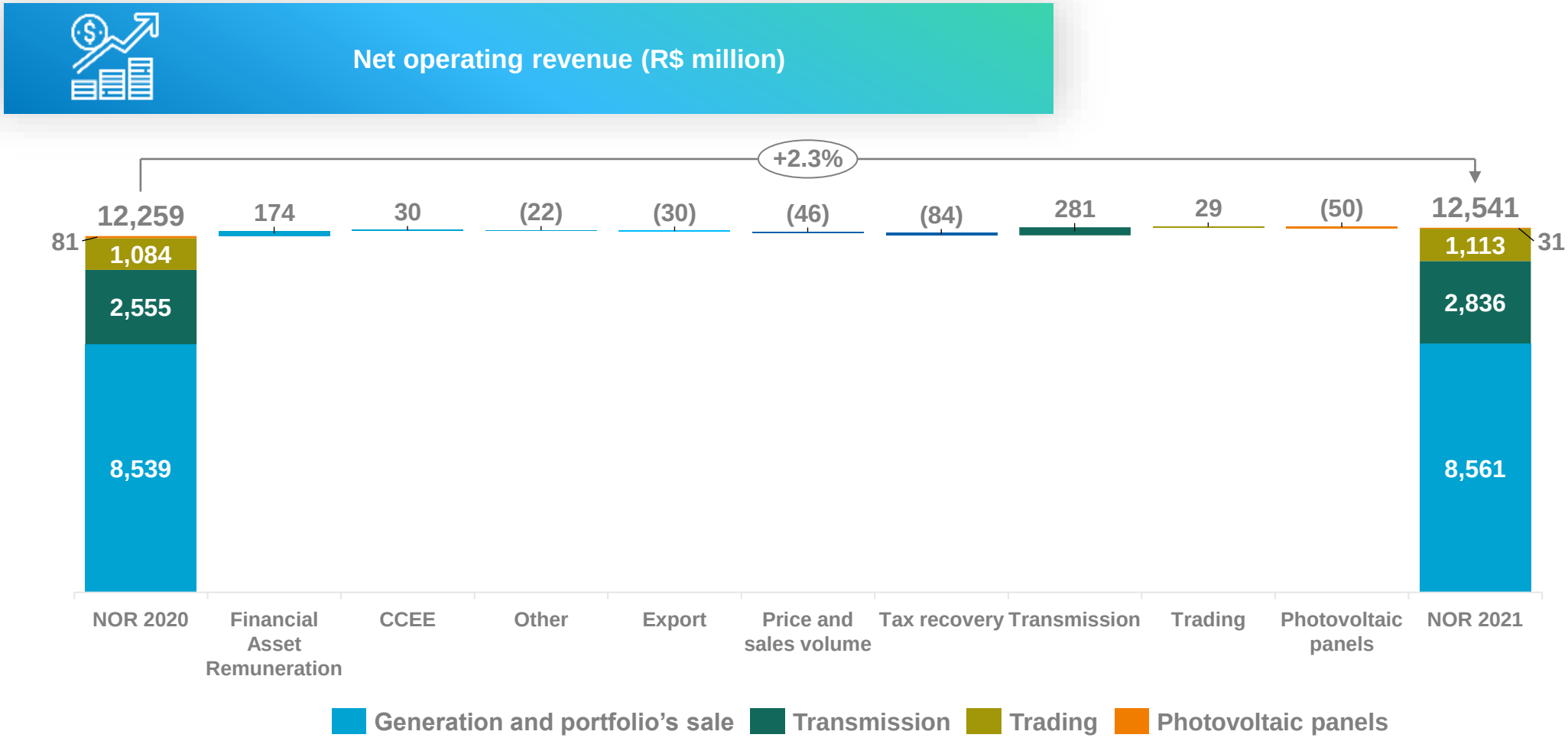


From 2016 – 2021[3]:

- Investments amounted to: **~R$ 22.5 billion**, with **82%** leverage
- Proprietary installed capacity:
  - Total: **+17%**
  - Renewable: **+34%**
- Acquistion of **32.5%** stake in TAG
- Entry into transmission: **2,800 km** under construction
- Adjusted Ebitda[4]: **+113%**
- Net income[4]: **+34%**
- Dividends and IOC: **R$ 11.1 billion**

Notes: ENGIE Brasil Energia internal study based on the Company's Financial Statements.
[1] ROE: net income of the past 4 quarters / shareholders' equity. Adjusted ROE disregards non-recurring.
[2] ROIC: effective tax rate x EBIT / invested capital (invested capital: debt – cash and cash equivalents – deposits earmarked for debt servicing + SE). Adjusted ROIC disregards non-recurring.
[3] Nominal amount.
[4] Net of impairment.

Net Operating Revenue Change

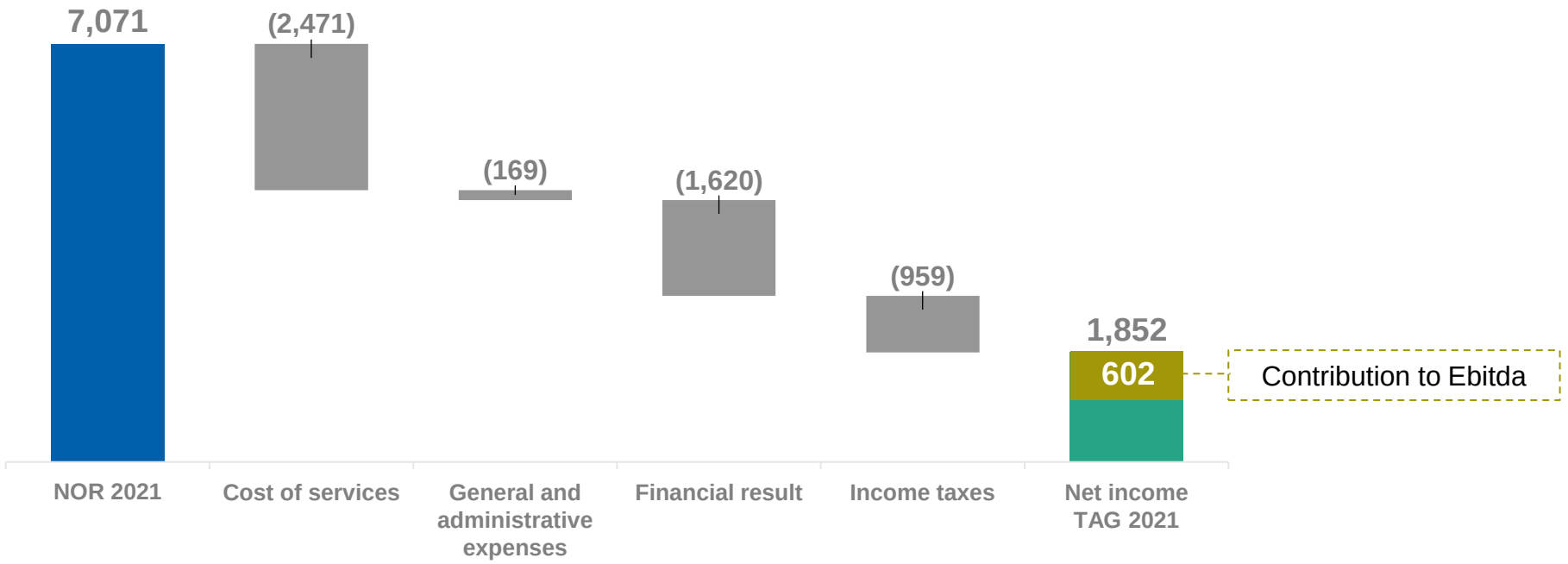


Result of Equity Income

Contribution of the Result from Transportadora Associada de Gás (TAG) to the EBITDA of the Company

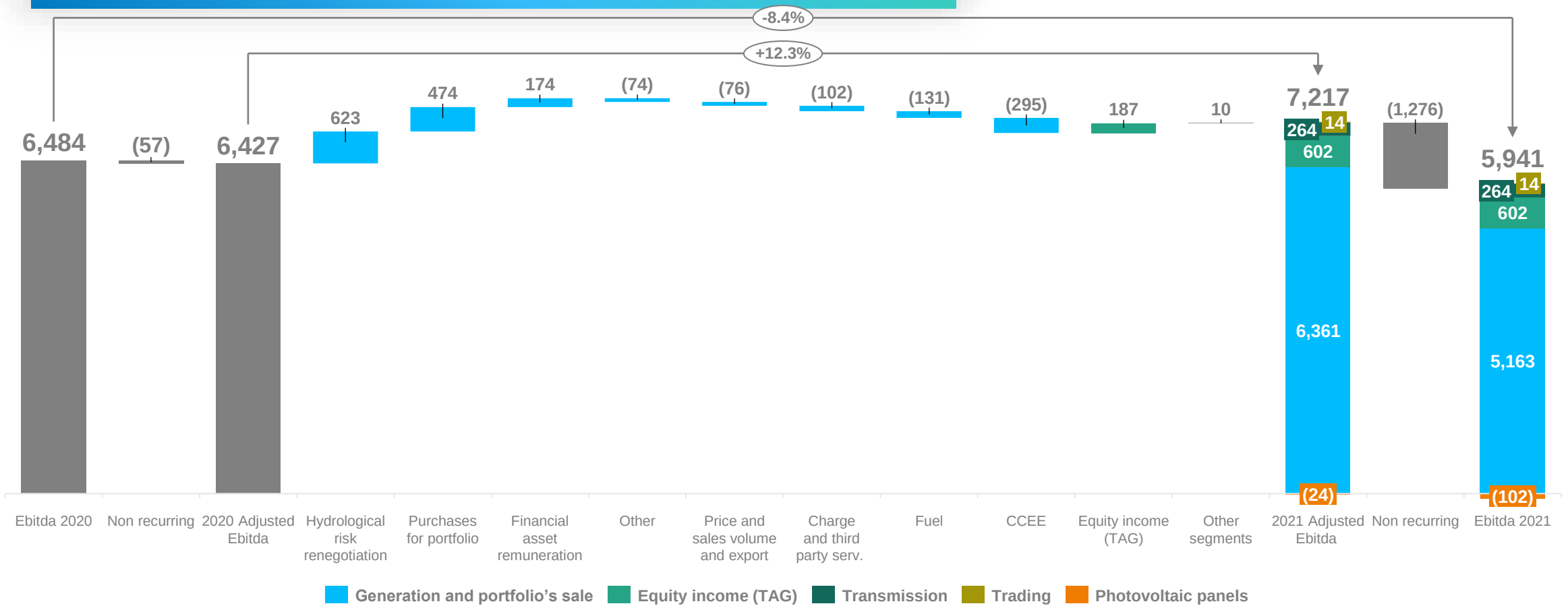
Stake of 32.5% in TAG contributed with R$ 602 million via equity income to the Company's Ebitda in the 2021.

Income Statement TAG (R$ million)



Ebitda Change

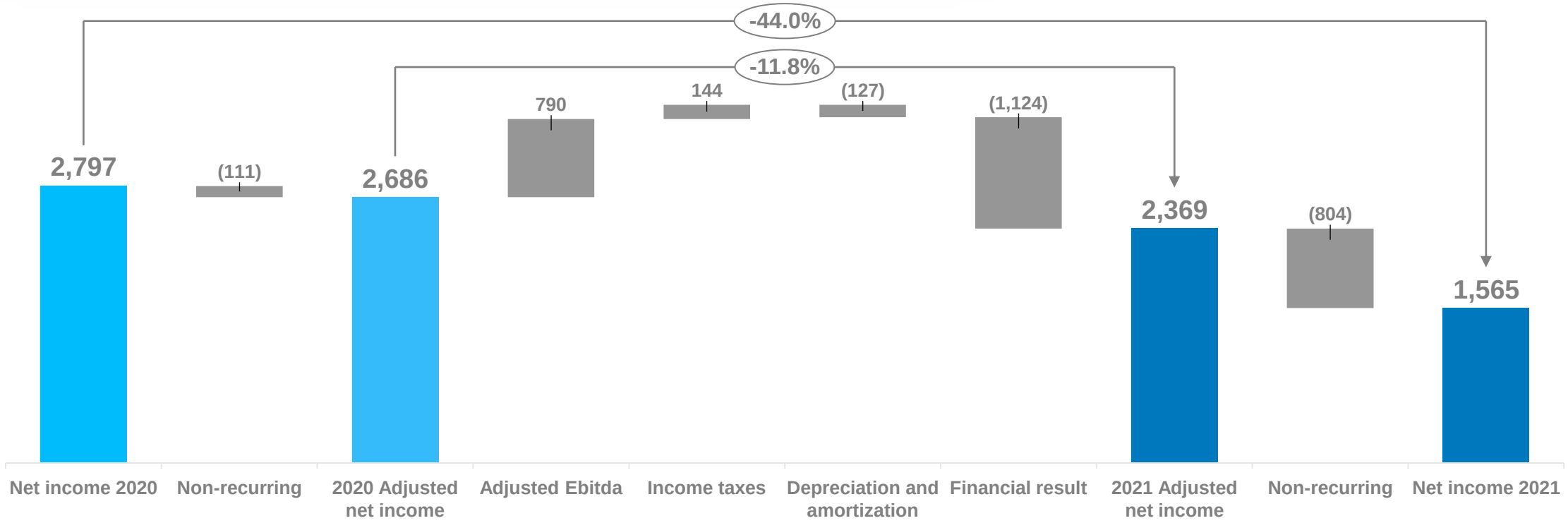
Ebitda (R$ million)



Note:
Ebitda: net income + income tax and social contribution + financial result + depreciation and amortization + impairment + non-recurring.

Net Income Change

Net Income (R$ million)

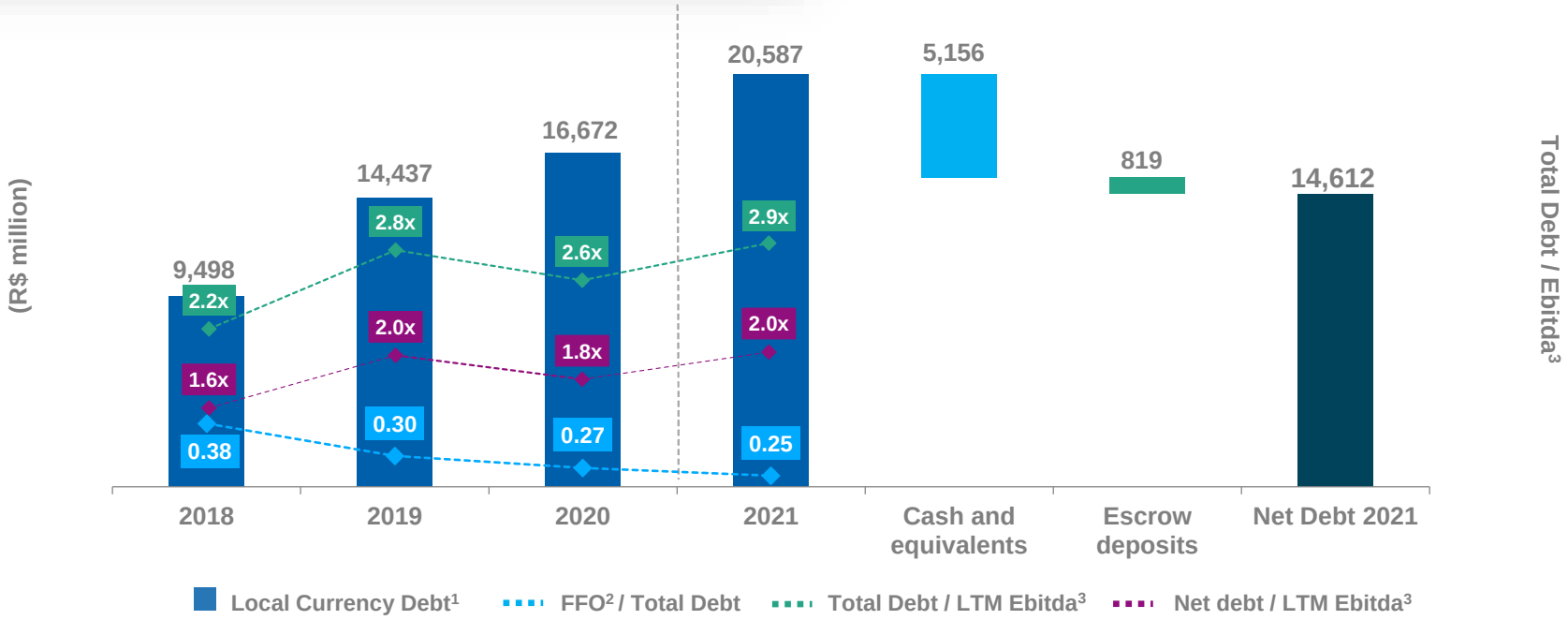


Balanced Debt

With no currency exposure

Balanced leverage, at competitive cost, fostering growth opportunities.

Debt Overview (R$ million)



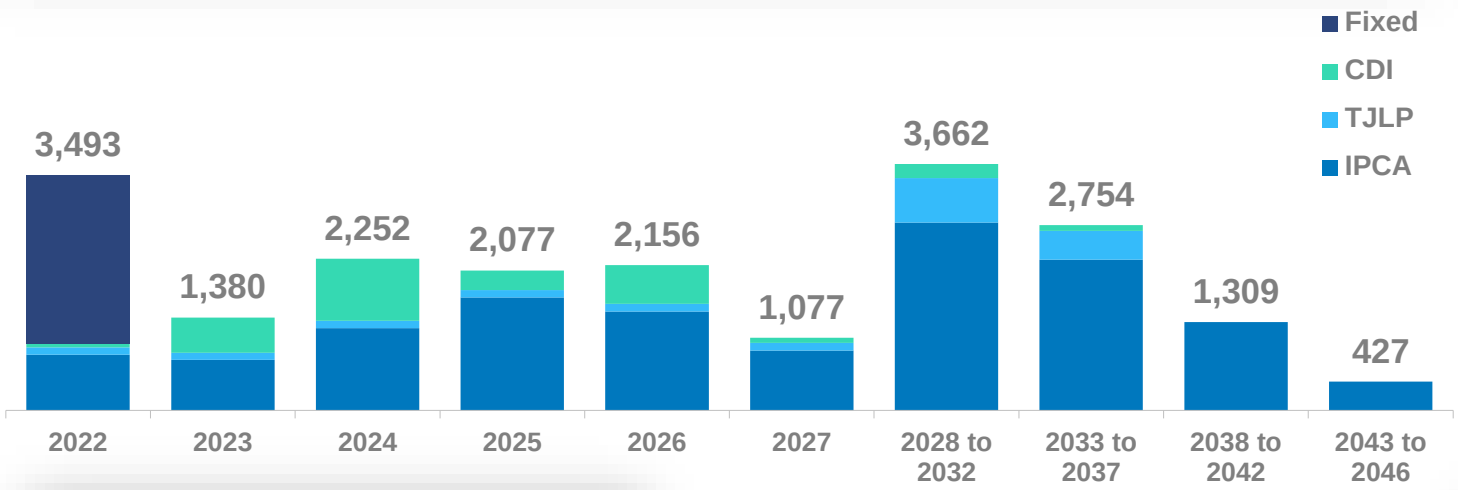
Notes:
[1] Gross debt, net of hedge operations.
[2] Funds from Operations, net from impact of the transmission lines (Contract Assets).
[3] Ebitda in the past 12 months.

Debt Profile and Composition

Competitive costs and defensive indexes

AAA rating and robust cash generation translate into competitive costs of debt for financing growth.

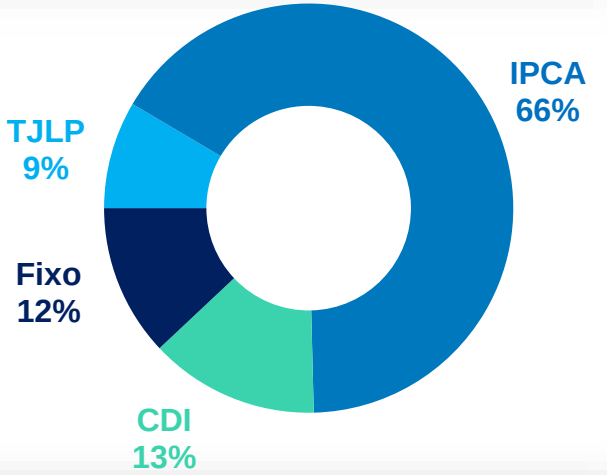
Maturity debt schedule (R$ million)



Average debt term: 6.9 years

Indexation of energy sales contracts mitigates exposure of debt to IPCA.

Breakdown of debt

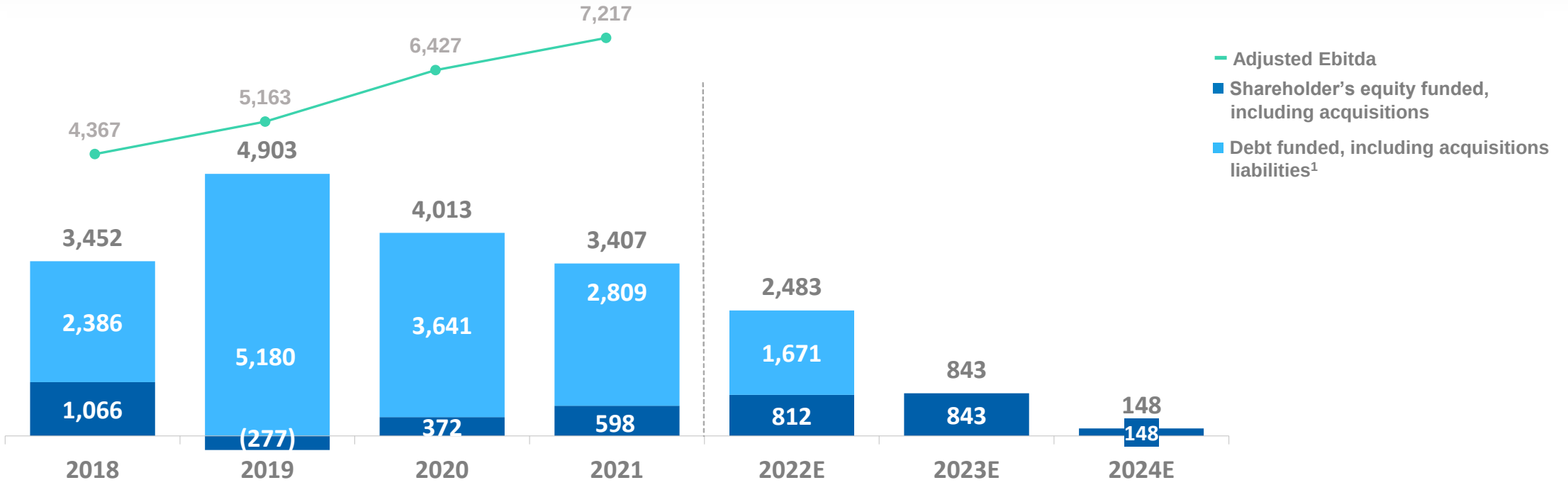


Nominal cost of debt: 13.1% p.y.
(equivalent to IPCA + 2.8%)
(7.6% - equiv. to IPCA + 2.9% in 2020)

CAPEX

The expansion plan and maintenance CAPEX are supported by a strong cash flow generation and prudent funding strategy.

Accomplished/expected CAPEX and corresponding financing sources (R$ million)

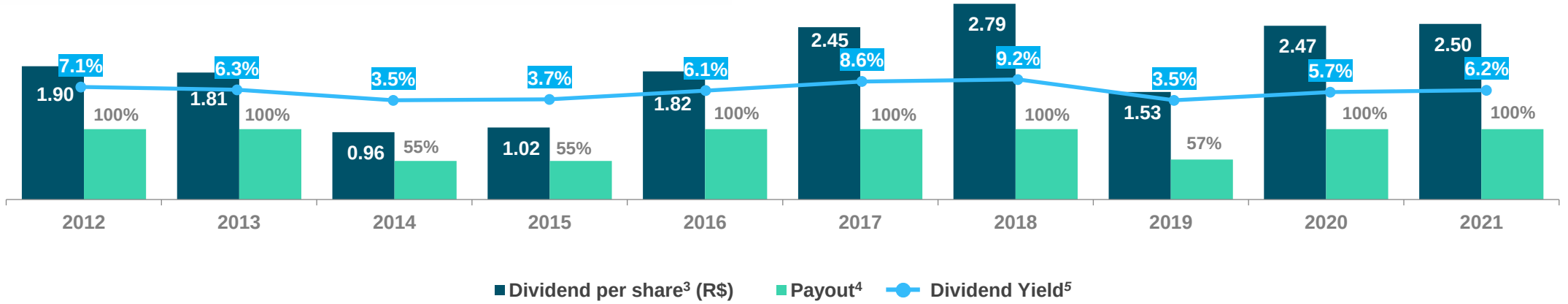


Note:
[1] Does not consider interests incurred during the construction.

Dividend Policy

- By-law minimum payout: 30% of payable net income
- Management commitment: minimum payout of 55% of payable net income
- At least 2 dividends per year

Dividends (based on distributable net income)



In order to maintain the dividend yield level, the Company approved the distribution of intermediate dividends in the amount of R$ 638.7 million (R$ 0.7827/share), paid out of the retained profits reserve for 2020.

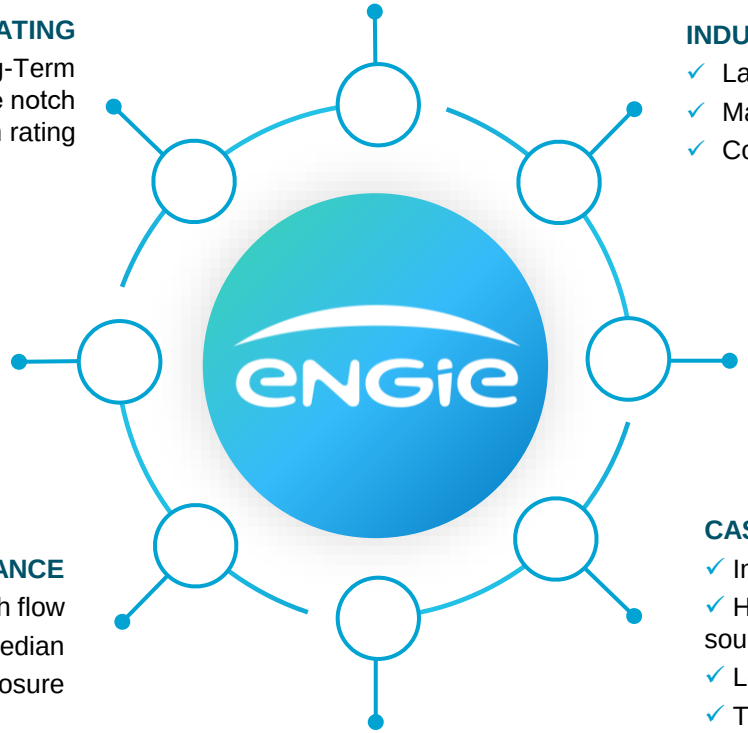
Notes:
[1] Figures for 2019 were resubmitted in the light of the AGM's decision on the retention of interim dividends for fiscal year 2019.
[2] Payout equivalent to 100% of the distributable adjusted net income (ex-hydrological risk negotiation).
[3] For the purposes of comparability between fiscal years, an adjustment in dividend per share was made in the light of the share bonus approved on December 07, 2018.
[4] Considers the annual adjusted net income.
[5] Based on volume-weighted closing price of ON shares in the period.

Competitive Advantages

STRATEGIC INDUSTRY
- ✓ Defensive profile in times of crisis
- ✓ Projects with high bankability
- ✓ Diversification among segments in the power sector

PREMIUM RATING
- ✓ Fitch Ratings rated the Company's Local Long-Term Rating as 'AAA(bra)' and in global scale "BB", one notch above the Brazilian sovereign rating

INDUSTRY LEADERSHIP
- ✓ Largest independent power producer group in Brazil
- ✓ Market cap: R$ 31.3 billion in 12/31/2021
- ✓ Controlled by ENGIE S.A., world leader in energy



HIGH-CALIBER CORPORATE GOVERNANCE AND SUSTAINABILITY
- ✓ Diversified and qualified team
- ✓ First class controlling shareholder
- ✓ Component of B3's Novo Mercado and ISE (since its inception in 2005)

CLEAR COMMERCIAL STRATEGY
- ✓ Heavily contracted in the next years
- ✓ Diversified portfolio between free customers and regulated ones
- ✓ Benefits from windows of opportunities

STABLE FINANCIAL PERFORMANCE
- ✓ Strong cash flow
- ✓ ROE and ROIC above sector median
- ✓ No FX exposure

CASH FLOW PREDICTABILITY
- ✓ Inflation-indexed contracts
- ✓ Hydro based, with diversification on complementary sources and active portfolio management
- ✓ Long-term contracting strategy
- ✓ Transmission contracts not susceptible to volume variation

HIGH OPERATIONAL PERFORMANCE
- ✓ Benchmark indexes of availability
- ✓ ISO 9001, 14001 and 45001 certified plants
- ✓ Use of advanced technology for remote operations and predictive maintenance

7

Supporting Data

Main Financial and Operational Indexes

Consolidated (In millions of R$)	4Q21	4Q20	Chg.	12M21	12M20	Chg.
Net Operating Revenue (NOR)	2,769	3,769	-26.5%	12,541	12,259	2.3%
Results from Operations (EBIT)	750	2,065	-63.7%	4,898	5,570	-12.1%
Ebitda [1]	1,084	2,288	-52.6%	5,941	6,484	-8.4%
Adjusted Ebitda [2]	2,248	2,387	-5.8%	7,217	6,427	12.3%
Ebitda / NOR - (%) [1]	39.1	60.7	-21.6 p.p.	47.4	52.9	-5.5 p.p.
Adjusted Ebitda / NOR - (%) [2]	81.2	63.3	17.9 p.p.	57.6	52.8	4.8 p.p.
Net Income	78	1,030	-92.4%	1,565	2,797	-44.0%
Adjusted Net Income	808	1,095	-26.2%	2,369	2,686	-11.8%
Adjusted Return on Equity (ROE) [3]	29.9	34.7	-4.8 p.p.	29.9	34.7	-4.8 p.p.
Adjusted Return on Invested Capital (ROIC) [4]	22.4	22.5	-0.1 p.p.	20.2	22.5	-2.3 p.p.
Net Debt [5]	14,612	11,786	24.0%	14,612	11,786	24.0%
Gross Power Production (avg MW) [6]	3,930	4,628	-15.1%	4,328	4,003	8.1%
Energy Sold (avg MW) [7]	4,345	4,485	-3.1%	4,087	4,321	-5.4%
Average Net Sales Price (R$/MWh) [8]	185.96	190.87	-2.6%	202.94	193.43	4.9%
Number of Employees - Total	1,237	1,573	-21.4%	1,237	1,573	-21.4%
EBE Employees	1,135	1,444	-21.4%	1,135	1,444	-21.4%
Employees on Under Construction Plants	102	129	-20.9%	102	129	-20.9%

Notes:

1 Ebitda represents: net income + income tax and social contribution + financial result + depreciation and amortization.
2 Adjusted Ebitda represents: net income + income tax and social contribution + financial results + depreciation and amortization + impairment + non-recurrents.
3 ROE: adjusted net income of the past 4 quarters/shareholders' equity.
4 ROIC: effective tax rate x adjusted EBIT / invested capital (invested capital: debt – cash and cash equivalents – deposits earmarked for debt servicing + SE).
5 Adjusted amount, net of gains from hedge operations.
6 Total electricity output from the plants operated by ENGIE Brasil Energia.
7 Disregarding sales for quotas regime (Jaguara and Miranda HPPs).
8 Net of taxes, exports and trading operations.

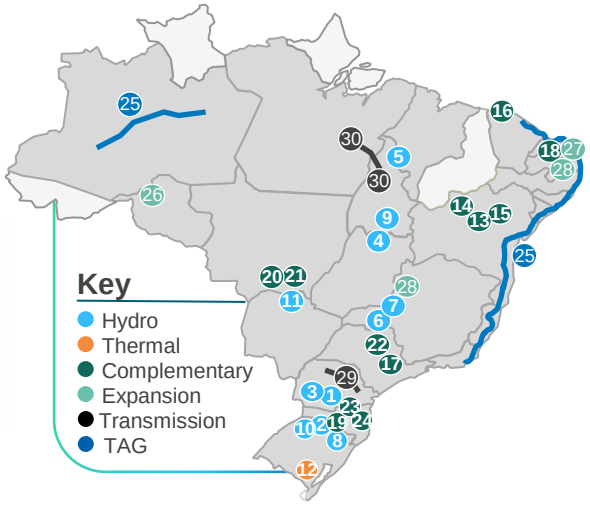
Diversified Portfolio of Assets

	Hydro Power Plants	Installed Capacity (MW)	Commercial Capacity (aMW)[1]
1	Salto Santiago	1,420.0	733.3
2	Itá	1,126.9[2]	564.7[2]
3	Salto Osório	1,078.0	502.6
4	Cana Brava	450.0	260.8
5	Estreito	435.6[2]	256.9[2]
6	Jaguara	424.0	341.0
7	Miranda	408.0	198.2
8	Machadinho	403.9[2]	165.3[2]
9	São Salvador	243.2	148.2
10	Passo Fundo	226.0	113.1
11	Ponte de Pedra	176.1	133.6
	Total	**6,391.7**	**3,417.7**

	Thermal Power Plants	Installed Capacity (MW)	Commercial Capacity (aMW)
12	Pampa Sul	345.0	323.5
	Total	**345.0**	**323.5**

	Complementary P. Plants	Installed Capacity (MW)	Commercial Capacity (aMW)
13	Campo Largo II Complex (Wind)[3]	361.2	192.5
14	Umburanas Complex (Wind)[4]	360.0	213.3
15	Campo Largo I Complex (Wind)[3]	326.7	166.5
16	Trairi Complex (Wind)[5]	212.6	97.2
17	Ferrari (Biomass)	80.5	35.6
18	Assú V (Solar)	34.0	9.2
19	Lages (Biomass)	28.0	1.8
20	Rondonópolis (SHP)	26.6	14.0
21	José G. da Rocha (SHP)	24.4	11.9
22	Ibitiúva (Biomass)	22.9[2]	13.6[2]
23	Nova Aurora (Solar)	3.0	0.3
24	Tubarão (Wind)	2.1	0.3
	Total	**1,482.0**	**756.2**

Installed capacity of **8,218.7 MW (4,497.4 aMW), 4,500 Km** of operating pipelines and **~2,800 Km** of transmission lines under implementation.



	Gas Pipelines	Size	Compression Stations
25	Transportadora Associada de Gás (TAG)	4,500 Km	11

Expansion

	Generation	Installed Capacity (MW)	Commercial Capacity (aMW)
26	Jirau (Hydro)[6]	1,500.0	884.6
27	Santo Agostinho I Complex (Wind)	434.0	218.0
28	Paracatu and Floresta Complex (Solar)	259.8	59.1
	Total	**2,193.8**	**1,161.7**

	Transmission	Size	Substations
29	Gralha Azul	~ 1,000 km	5
30	Novo Estado	~ 1,800 km	1 new and expansion of 3 existing
	Total	**~ 2,800 km**	

Notes:
[1] Considers the physical guarantee revision in effect from January 1, 2018, pursuant to MME Ordinance 178/2017.
[2] Portion owned by ENGIE Brasil Energia.
[3] Complexes comprised by 11 wind farms.
[4] Complex comprised by 18 wind farms.
[5] Complex comprised by 8 wind farms.
[6] The transfer of the 40% stake of ENGIE Brasil Part. in Jirau HPP to the Company should be examined timely.

Transportadora Associada de Gás – TAG

Contracts breakdown and indebtedness

High level of contracted volume in the regulated market, for an average term of approximately 9 years.
Financing structure with competitive cost and protected from exchange variation - Rating AAA by Fitch Ratings.

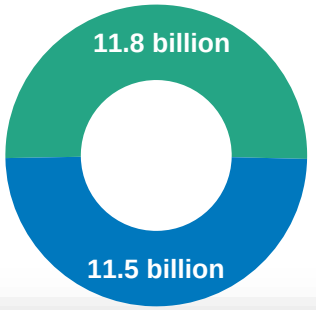
Contracts breakdown

Gas Pipelines	Size (km)	Agreement Maturity[1]	Contracted Volumes (MM m³/day)	% of the 2021 Net Operating Revenue[2]	Readjustment index
Gasene	1,400	Nov-2033	30.3	40.7%	46% basket IGP[4]; 54% US PPI
Malha NE	2,000	Dez-2025	21.6	23.3%	IGP-M
Pilar-Ipojuca	200	Nov-2031	15.0	6.3%	IGP-M
Urucu-Coari-Manaus	800	Nov-2030	6.7	29.7%	50% IGP-M; 50% IPCA
Lagoa Parda Vitória[3]	100	Dec-2022	0.7	-	IGP-M
Total	**~4,500**		**74.3**	**100.0%**	

Notes:
[1] Following the expiry of the agreements, a five-year tariff revision cycle will be triggered, which will decide the revised maximum permitted revenue flow (RAP).
[2] Variations in revenue representativeness between GTAs may occur.
[3] Billing beginning on Jan 01, 2022.
[4] 1/3 IGP-M; 1/3 IPA-DI; 1/3 IGP-DI.

Debt profile – TAG

as of December 31, 2021



Foreign market

Domestic market

Domestic market: ~CDI + 1.80% p.y., with semi-annual amortizations and maturing in June 2026.

Foreign market[2]: Libor[3] + initial spread of 2.3%, with semi-annual amortizations and maturing June 2027.

Notes:
[1] The presented values do not consider the debt swaps.
[2] The portion of the debt denominated in foreign currency was converter by Ptax of R$ 5.5805 as of December 31, 2021 and is linked to US Dollar sales under part of the Gasene agreement, thus being a symmetry between revenue and debt servicing.
[3] 100% of the interest flow indexed to Libor is locked through swap operations (Libor x flat rate).

Energy Balance as of December 31, 2021

Diversified contracting with duration of about 17 years in ACR and 4 years in ACL[1]

	(in average MW)	2022	2023	2024	2025	2026	2027	Auction **Gross** Price (R$/MWh)	Reference Date	**Gross** Price Adjusted (R$/MWh)	**Net** Price of PIS/COFINS/P&D (R$/MWh)
	Own Resources	4,333	4,480	4,547	4,537	4,534	4,534				
+	Purchases for Resale	1,364	1,001	793	333	287	280				
=	**Total Resources (A)**	**5,697**	**5,481**	**5,340**	**4,870**	**4,821**	**4,814**				
	Government Auction Sales[2]	2,012	2,012	2,007	1,994	1,984	1,975				
	2005-NE-2010-30	200	200	200	200	200	200	115.1	Dec-05	261.8	235.2
	2006-NE-2009-30	493	493	493	493	493	493	128.4	Jun-06	287.6	258.4
	2006-NE-2011-30	148	148	148	148	148	148	135.0	Nov-06	299.8	269.3
	2007-NE-2012-30	256	256	256	256	256	256	126.6	Oct-07	270.5	243.0
	Proinfa	19	19	19	19	19	10	147.8	Jun-04	418.4	403.1
	1st Reserve Energy Auction	14	14	14	2	-	-	158.1	Aug-08	311.5	300.1
	Auction Mix (New Energy / Reserve / DG)	14	14	9	8	-	-	-	-	307.7	296.5
	2014-NE-2019-25	295	295	295	295	295	295	183.5	Mar-14	270.0	242.6
	2014-NE-2019-25	10	10	10	10	10	10	206.2	Nov-14	283.8	273.4
	2014-NE-2019-20	82	82	82	82	82	82	139.3	Nov-14	192.3	174.5
	2015-NE-2018-20	46	46	46	46	46	46	188.5	Aug-15	241.1	218.8
	8th Reserve Energy Auction	9	9	9	9	9	9	303.0	Nov-15	409.7	371.8
	2017-EN-2019-20	48	48	48	48	48	48	136.4	Nov-14	192.6	174.8
	Government Auction - Quotas regime										
	2018 - Quotas (UHJA) - 2018-30	239	239	239	239	239	239	-	Jul-17	166.6	158.9
	2018 - Quotas (UHMI) - 2018-30	139	139	139	139	139	139	-	Jul-17	193.2	184.3
+	Bilateral Sales	3,031	2,570	2,149	1,564	1,063	723				
=	**Total Sales (B)**	**5,043**	**4,582**	**4,156**	**3,558**	**3,047**	**2,698**				
	Balance (A - B)	**654**	**899**	**1,184**	**1,312**	**1,774**	**2,116**				
	Sales Average Price (R$/MWh) **(net)**[3,4]:	220.4	218.2	214.3							
	Purchases Average Price (R$/MWh) **(net)**[5]:	190.5	171.8	154.3							

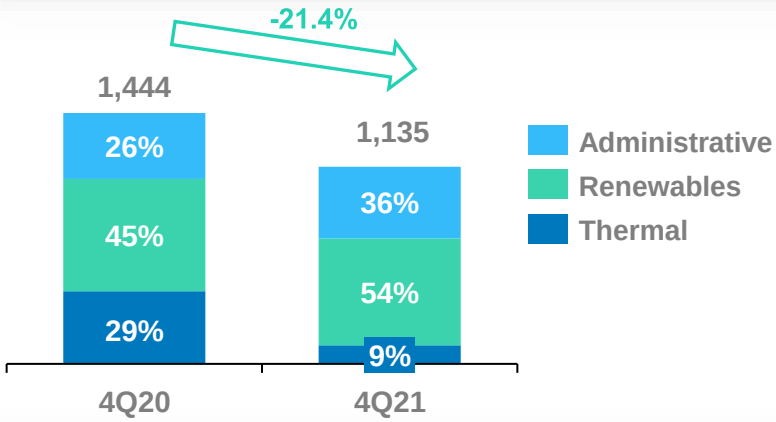
[2] XXXX-YY-WWWW-ZZ, where:
XXXX -> year of auction
YY -> EE = existing energy or NE = new energy
WWWW -> year of delivery start
ZZ -> supply contract duration (in years)

[1] Average term weighted by the amount of energy sold, including trading operations.
[3] Sales price, including trading operations, net of ICMS and taxes over revenue (PIS/Cofins, R&D), i.e. future inflation is not being considered.
[4] Disregarding sales for quotas regime (Jaguara and Miranda HPPs).
[5] Purchase net price, considering trading operations and benefits from PIS/Cofins credits, i.e. future inflation is not being considered.

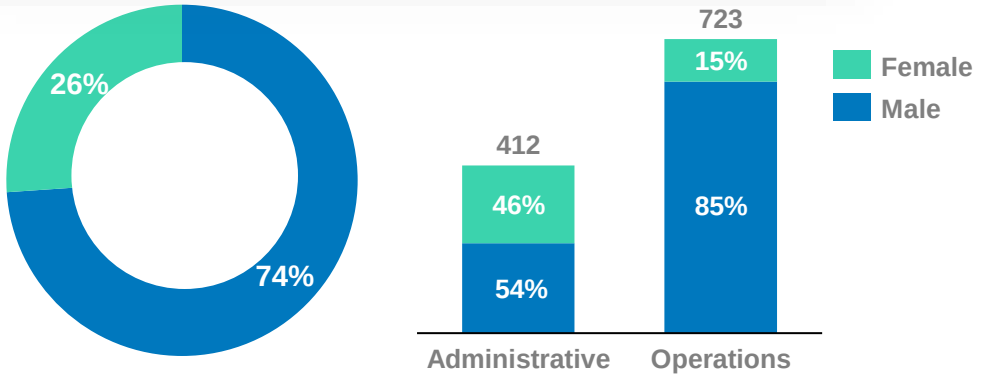
Notes:
- The balance refers to the settlement point (net of losses and internal consumption of the plants).
- The average prices are considered simply estimates and are based on financial planning revisions, not capturing volume changes, which are updated quarterly.

Headcount[1]

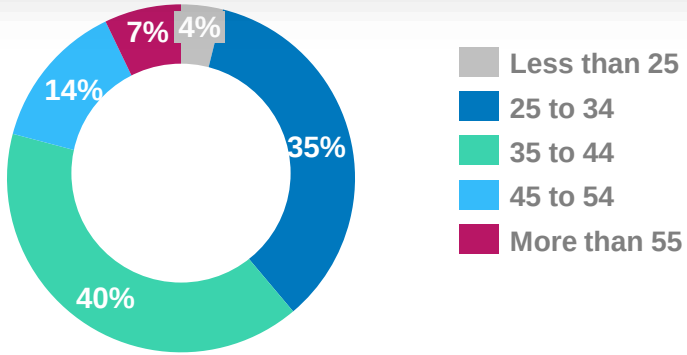
Number of employees



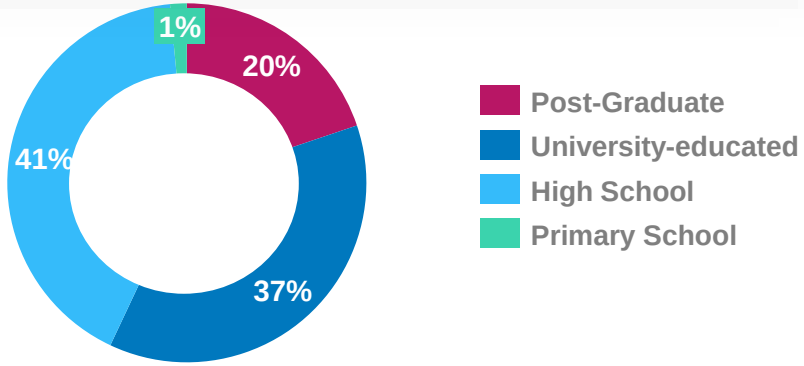
By gender



By age group



By academic qualifications



Note:
[1] Does not consider employees posted to projects under construction.

Sustainability KPIs[1]

Item	Dimension[2]	Index	Material themes	GRI disclosure[3]	4Q21	4Q20	Change	12M21	12M20	Change
1	Quality	Operating plants	- Prioritization of renewable sources for energy generation - Emissions Management	102-7, EU1	68	60	8	68	60	8
2		Installed capacity		102-7, EU1	9,939	10,431	-4.7%	9,939	10,431	-4.7%
3		Proprietary capacity		102-7, EU1	8,219	8,711	-5.6%	8,219	8,711	-5.6%
4		Number of certified plants		102-16, EU6	11	12	-1	11	12	-1
5		Certified installed capacity (MW)		102-16, EU6	8,102	8,127	-0.3%	8,102	8,127	-0.3%
6		Certified installed capacity in relation to the total		102-16, EU6	81.5%	77.9%	3.6 p.p.	81.5%	77.9%	3.6 p.p.
7		Installed capacity from renewable sources		102-7, EU1	9,594	9,229	4.0%	9,594	9,229	4.0%
8		Installed capacity from renewable sources in relation to the total		102-7, EU1	96.5%	88.5%	8.1 p.p.	96.5%	88.5%	8.1 p.p.
9		Energy generation (GWh)		EU2	8,678	10,220	-15.1%	37,916	35,163	7.8%
10		Certified energy generation		102-16, EU6	7,166	7,424	-3.5%	29,019	25,499	13.8%
11		Certified energy generation in relation to the total		102-16, EU6	82.6%	72.6%	9.9 p.p.	76.5%	72.5%	4.0 p.p.
12		Energy generation from renewable sources (GWh)		EU2	8,129	8,257	-1.5%	32,652	29,430	11.0%
13		Energy generation from renewable sources in relation to the total		EU2	93.7%	80.8%	12.9 p.p.	86.1%	83.7%	2.4 p.p.
14		Total uptime ratio of generating complex		EU30	93.7%	90.6%	3.1 p.p.	90.0%	90.9%	-0.8 p.p.
15	Environment and climate change	Saplings donated and planted (sum-total of planted and donated saplings)	- Emissions Management - Boost of prosperity on local communities - Biodiversity	304-2, 413-1	145,523	93,754	55.2%	475,525	366,553	29.7%
16		Number of visitors at the plants and environmental education		413-1	37,042	10,935	238.7%	133,241	33,039	303.3%
17		CO2 Emissions (fossil fuel plants) (t/MWh)		D305-1, D305-2, D305-3	1.160	0.924	25.5%	1.100	0.966	13.9%
18		CO2 Emissions from ENGIE Brasil Energia's generation complex(t/MWh)		D305-1, D305-2, D305-3	0.070	0.177	-60.6%	0.140	0.158	-11.1%
19	Occupational Heath and Safety (OH&S)	Frequency Rate (FR) operation and maintenance [4]	- Teams and community safety - Foster good social and environmental practices between suppliers and customers.	403-2	1.560	0.664	↑	0.568	1.203	↓
20		Severity Rate (SR)) own employees[5]		403-2	0.000	0.000	-	0.000	0.006	↓
21		Frequency Rate (FR) construction[4]		403-2	1.860	0.795	↑	1.649	0.561	↑
22		Managerial Safety Visits - VGS		403-2	254	415	Not applic.	1,474	1,379	6.9%
23		Registry of Risky and Near Accident Situation		403-2	1,024	1,702	Not applic.	4,681	5,886	-20.5%
24	Social Responsibility[6]	Non-incentivized investments	- Generation of economic result and value sharing with society - Boost of prosperity on local communities	203-2, 413-1	3,028.4	1,244.5	143.4%	7,078.0	7,504.2	-5.7%
25		Investments through the Infancy and Adolescence Fund (FIA)		203-2, 413-1	587.7	949.0	-38.1%	1,262.8	1,868.4	-32.4%
26		Investments through the Culture Incentive Law (Rouanet)		203-2, 413-1	2,035.2	2,427.7	-16.2%	5,052.0	7,264.6	-30.5%
27		Investments through the Sport Incentive Law		203-2, 413-1	850.0	888.0	-4.3%	1,262.5	1,418.5	-11.0%
28		Investments through National Program of Support to Oncology Care (Pronon)		203-2, 413-1	1,140.0	1,661.0	-31.4%	1,140.5	1,661.0	-31.3%
29		Investments through the National Care Support Program for People with Special Needs (Pronas/PCD)		203-2, 413-1	1,147.5	1,436.3	-20.1%	1,147.5	1,436.3	-20.1%
30		Investments through the Municipal Fund for the Elderly		203-2, 413-1	1,179.6	835.0	41.3%	1,239.6	1,480.9	-16.3%

Notes:
1 Additional indices are available at Sustainability Report (www.engie.com.br/investors/financial-information).
2 Reference: ENGIE Sustainable Management Policy.
3 GRI: Global Reporting Initiative, Standards version and sector supplement version G4.
4 FR = number of occupational accidents for every million hours of exposure to hazards.
5 SR = number of days lost due to occupational accidents for every one thousand hours of exposure to hazards.
6 Amounts in thousand of reais (R$).

Contacts

Eduardo Sattamini
Chief Executive and Investor Relations Officer

Marcelo Cardoso Malta
Chief Financial Officer

Investor Relations Team:

Rafael Bósio
Investor Relations Manager
rafael.bosio@engie.com
(48) 3221 7225

Adriana Wagner
Investor Relations Analyst
adriana.wagner@engie.com

Caio Miralles
Sustainability Analyst
caio.miralles@engie.com

Ivani Angeli
Investor Relations Analyst
ivani.angeli@engie.com

Mariana Puricelli
Investor Relations Analyst
mariana.puricelli@engie.com

www.engie.com.br/investidores